

# George Edwards PhD

President & Principal Computer Scientist

323-545-3933

[george@quandarypeak.com](mailto:george@quandarypeak.com)

**Quandary Peak Research**

205 S Broadway, Suite 300

Los Angeles, CA 90012

[quandarypeak.com/george/](http://quandarypeak.com/george/)

## Education

### **Ph.D. in Computer Science**

University of Southern California | Aug 2010

### **M.S. in Computer Science**

University of Southern California | May 2006

### **B.S. in Computer Science, Minor in Mathematics**

Vanderbilt University | Aug 2003

## Employment

### **Quandary Peak Research**

**President & Principal Computer Scientist** | Los Angeles, CA | June 2012–Present

- Providing software analysis and expert witness testimony in software-related litigation, including patent and copyright infringement, theft of trade secrets, breach-of-contract, and other matters.
- Analyzing software intellectual property and patent portfolios for validity and infringement in the context of licensing and brokering negotiations, startup investments, and M&A.
- Investigating software failures to determine the root cause and help clients understand whether and how the failure could have been avoided.
- Applying advanced analytic techniques based on calibrated parametric models for valuation of software products and estimation of software development costs.
- Documenting the architecture of software systems to identify structural similarities and differences among competing products and services and deduce the origin of software designs and code.

### **Computer Science Department, University of Southern California**

**Lecturer of Computer Science** | Jan 2012–May 2017

- Teaching a graduate-level software engineering course for M.S. and Ph.D. students and practicing software and aerospace engineers (CSCI 568).
- Previously taught an undergraduate-level course on programming fundamentals, algorithms, and data structures (CSCI 102).

### **Blue Cell Software**

**Co-Founder and CEO** | Los Angeles, CA | Aug 2010–June 2012

- Led and managed the development of a next-generation modeling and analysis platform for complex software-intensive systems.

- Developed advanced model-based algorithms for reliability, efficiency, and risk analysis.
- Conceived and implemented the business development strategy and produced and presented investment proposals.

## **Center for Systems and Software Engineering, University of Southern California**

**Post-Doctoral Researcher** | Feb 2011–Sept 2011

- Conducted research on enterprise integration mechanisms to support net-centric operations.
- Investigated methods, processes, and tools for decomposition and refinement of SoS capability needs into detailed requirements and integration architectures for an NSA-funded research project.
- Designed key components of PATFrame, a decision support system for planning test events of networks of unmanned and autonomous vehicles.
- Applied lessons learned from large-scale corporate mergers, including the HP-Compaq merger, to software and systems integration challenges faced by the DoD and NSA.

## **Computer Science Department, University of Southern California**

**Graduate Fellow** | Aug 2004–Aug 2010

- Designed and implemented XTEAM – a model-driven software design, analysis, and code generation toolset. XTEAM allows software architects to create domain-specific software architecture models, evaluate those models with respect to quality metrics, and automatically synthesize custom code. XTEAM has been utilized by more than a dozen software engineering projects in academia and industry.
- Built key components of Prism-MW, a novel Java-based implementation platform for mobile and handheld devices that enables rapid development of event-based applications.
- Invented the adaptive layered style, an architectural style for autonomous systems, and designed the corresponding implementation support in Prism-MW.
- Developed iterative redundancy, an algorithm for reliably distributing and replicating computation on untrusted networks of faulty and malicious nodes.
- Contributed as an architect and developer to a diverse set of experimental software systems, such as computer simulations of volunteer computing networks and collaboration tools for geographically distributed teams of engineers.

## **Intelligent Systems Technology, Inc.**

**Research Associate** | Los Angeles, CA | May 2009–Jan 2010

- Designed and implemented an instructional game for US Army vehicle maintenance technicians that teaches techniques for making decisions in the presence of uncertainty.
- Developed research grant proposals for DoD and DHS funding through the Small Business Innovation Research (SBIR) program and Broad Agency Announcements (BAAs).
- Briefed managers of research funding programs at DoD and DHS on critical research challenges and opportunities in computer science and software engineering.

## **T.J. Watson Research Center, IBM**

**Graduate Research Intern** | Yorktown Heights, NY | May 2008–Aug 2008

- Developed elements of BlueStar, a scalable mobile device management and provisioning system. BlueStar allows system administrators to easily manage the configuration of thousands of mobile devices.

- Co-designed Proxima, a context-aware search service for mobile devices. Proxima provides image based search capabilities for finding people in a large database by leveraging contextual information associated with an image, such as location, time, and the unique characteristics of the user.
- Developed requirements for a mobile application for insurance adjusters and managed a team of overseas programmers.

## **The Boeing Company**

**Software Engineer** | Huntington Beach, CA | June 2005–Aug 2006

- Advised, coordinated, and assisted C4ISR software architecture modeling and analysis efforts leveraging state-of-the-art model-driven engineering technologies.
- Developed the architecture for a mobile (handheld) device for controlling unmanned autonomous air and ground robots.
- Integrated multiple independent simulations of interactions among military vehicles and networks to create test harnesses for subcontractor-supplied software components.
- Created and evaluated software architecture descriptions, guidance memoranda, requirements specifications, design models, trade studies, risk analyses, and development schedules.

## **Computer Science Department, Vanderbilt University**

**Graduate Research Assistant** | Nashville, TN | Sept 2003–May 2004

- Developed a CORBA Component Model framework that supports application access to highly optimized and scalable event-based (publish-subscribe) communication services.
- Created a specification language and supporting toolset for configuring QoS policies in component based DRE systems.
- Designed regression tests and enhanced support for key capabilities in a real-time CORBA implementation.

## **CTC Networks**

**Network Technician** | Nashville, TN | Oct 2002–Mar 2003

- Administered Windows-based small business networks and performed network and PC upgrades, troubleshooting, and repair.
- Advised business clients on software purchasing and technology infrastructure investment decisions.

## **Nebraska e-Commerce Association**

**e-Business Consultant** | Lincoln, NE | May 2001–Aug 2001

- Advised small businesses on e-commerce development and implementation strategies.

## **Nebraska Educational Telecommunications**

**Web Developer** | Lincoln, NE | May 1998–Aug 2000

- Developed front-end HTML and JavaScript and secure grade assessment software for CLASS, the first web-delivered, fully accredited high school.
- Implemented a multimedia publishing system for web-based distribution of television programs.

# Litigation Consulting

- **Shopify Inc. v. Shoptline Tech. Holdings Pte. Ltd., Shoptline US, Inc., and Sinoxpress Inc.** | Nov 2025–Present  
Jurisdiction: U.S. District Court for the Southern District of New York  
Case Number: 1:24-cv-03691  
Counsel: Wilson Sonsini Goodrich & Rosati  
Nature of Suit: Copyright
- **Mobile Data Technologies LLC v. Samsung Electronics America, Inc. and Samsung Electronics Co., Ltd.** | May 2025–Present  
Jurisdiction: US District Court, Eastern District of Texas  
Case Number: 2:24-cv-00435  
Counsel: Brown Rudnick LLP  
Nature of Suit: Patent
- **Razdog Holdings LLC v. Twitch Interactive, Inc.** | Apr 2025–Present  
Concerning U.S. Patent No. 9,729,658 and U.S. Patent No.10,334,068 and Inter Partes Review of the '658 and '068 Patents  
Jurisdiction: US District Court, Northern District of California, USPTO, Patent Trial and Appeal Board (PTAB)  
Case Number: 5:24-cv-03638, IPR2025-00307, IPR2025-00308  
Counsel: Villegas & Cefo, LLP  
Nature of Suit: Patent
- **Ferid Allani v. Google, LLC** | Feb 2025–Present  
Jurisdiction: US District Court for the Western District of Texas  
Case Number: 6:24-cv-00305  
Counsel: Hudnell Law Group  
Nature of Suit: Patent
- **Algebraix LLC v. International Business Machines Corporation (IBM)** | Jan 2025–Present  
Jurisdiction: US District Court for the Eastern District of Texas  
Case Number: 2:24-cv-00999  
Counsel: Nelson Bumgardner Conroy PC  
Nature of Suit: Patent
- **Certain Rechargeable Batteries and Components Thereof** | Jan 2025–July 2025  
Jurisdiction: International Trade Commission (ITC)  
Case Number: 337-TA-1421  
Counsel: Dority & Manning LLP  
Nature of Suit: Patent
- **Pump Labs, Inc v. Jiacheng Gui, et al.** | Dec 2024–Present  
Jurisdiction: US District Court, Central District of California  
Case Number: 8:24-cv-01910  
Counsel: Law Office of Leeor Neta  
Nature of Suit: Copyright, Trade Secret, Breach-of-Contract
- **Skillz Platform Inc. v. Voodoo SAS, et al.** | Oct 2024–Present  
Jurisdiction: US District Court for the Southern District of New York  
Case Number: 1:24-cv-04991  
Counsel: Jones Day  
Nature of Suit: False Advertising, Unfair Competition

- **Inter Partes Review of U.S. Patent No. 11,265,404** | July 2024–Present  
 Jurisdiction: U.S. Patent and Trademark Office (USPTO)  
 Case Number: IPR2024-00113, IPR2024-00114  
 Counsel: Steptoe, LLC  
 Nature of Suit: Patent
- **Inter Partes Review of U.S. Patent No. 8,737,933 and Patent No. 9,173,054** | Mar 2024–Present  
 Jurisdiction: U.S. Patent and Trademark Office (USPTO)  
 Case Number: IPR2024-00305  
 Counsel: McKool Smith, Alston & Bird LLP  
 Nature of Suit: Patent
- **InQuisient Inc v. ServiceNow, Inc** | Mar 2024–Nov 2024  
 Jurisdiction: US District Court for the District of Delaware  
 Case Number: 1:22-cv-00900  
 Counsel: Fish & Richardson P.C.  
 Nature of Suit: Patent
- **Electronic Devices Including Smartphones, Computers, Tablet Computers, and Components Thereof**  
 Dec 2023–Present  
 Jurisdiction: International Trade Commission (ITC)  
 Case Number: 337-TA-1373  
 Counsel: Alston & Bird LLP  
 Nature of Suit: Patent
- **Security First Innovations, LLC v. Google LLC** | Dec 2023–Present  
 Jurisdiction: US District Court Eastern District of Virginia Alexandria Division  
 Case Number: 2-23-cv-00097-EWH-RJK  
 Counsel: Sullivan & Cromwell LLP  
 Nature of Suit: Patent
- **Smart Mobile Technologies, LLC v. Samsung Electronics Co. Ltd.** | Oct 2023–June 2024  
 Jurisdiction: Western District of Texas  
 Case Number: 6:21-cv-00701  
 Counsel: Graves & Shaw LLP  
 Nature of Suit: Patent
- **AGI Suretrack, LLC v. Farmers Edge Inc** | Sept 2023–Apr 2024  
 Jurisdiction: U.S. District Court for the District of Nebraska  
 Case Number: 8:22-cv-00275-JFB-SMB  
 Counsel: Irell & Manella LLP  
 Nature of Suit: Patent
- **Club Speed, LLC v. K1 Speed, Inc.** | July 2023–Present  
 Jurisdiction: Superior Court of California  
 Case Number: 30-2022-01241507-CU-BC-CJC  
 Counsel: Rutan & Tucker, LLP  
 Nature of Suit: Breach of Contract
- **University of Victoria v. FreshWorks Studio Inc** | July 2023–June 2024  
 Jurisdiction: BC Supreme Court  
 Case Number: S-226081  
 Counsel: Smart & Biggar LLP  
 Nature of Suit: Patent

- **Entangled Media, LLC v. Dropbox, Inc.** | May 2023–Present  
 Jurisdiction: Western District of Texas  
 Case Number: 1:22-cv-01324  
 Counsel: Skiermont Derby  
 Nature of Suit: Patent
- **Multimodal Media LLC v. ZTE Corporation** | Mar 2023–Oct 2023  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 2:21-cv-00437  
 Counsel: McDermott Will & Emery  
 Nature of Suit: Patent
- **Cutting Edge Vision, LLC v. TCL Technology Group Corporation, et al.** | Mar 2023–Aug 2023  
 Jurisdiction: U.S. District Court for the Western District of Texas  
 Case Number: 6:22-cv-00285  
 Counsel: Law Offices of Lisa and Lesko  
 Nature of Suit: Patent
- **Espíritu Santo Holdings, LP & L1bre Holding, LLC v. United Mexican States** | Dec 2022–Present  
 Jurisdiction: ICSID  
 Case Number: ARB/20/13 - 20417 (filed September 17, 2021)  
 Counsel: Pillsbury Winthrop Shaw Pittman LLP  
 Nature of Suit: International Investment Arbitration  
 Technology: Mobile phone applications, ride hailing services
- **LKQ Corporation v. Overall Parts Solutions** | Nov 2022–Nov 2024  
 Jurisdiction: Court of Chancery of the State of Delaware  
 Case Number: 2022-0036  
 Counsel: Jones Day  
 Nature of Suit: Breach of Contract
- **IPA Technologies, Inc. v. Microsoft Corp.** | Oct 2022–May 2024  
 Jurisdiction: U.S. District Court for the District of Delaware  
 Case Number: 1:18-cv-00001  
 Counsel: Skiermont Derby LLP  
 Nature of Suit: Patent
- **Multimodal Media LLC v. Guangdong OPPO Mobile Telecomm. Corp., Ltd.** | Sept 2022–Sept 2023  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 2:21-cv-00436  
 Counsel: Moore IP Law  
 Nature of Suit: Patent
- **Ark Innovation Technology Inc., et al. v. Matidor Technologies Inc., et al.** | May 2022–Present  
 Jurisdiction: Federal Court of Canada  
 Case Number: 1163929  
 Counsel: Gowling WLG  
 Nature of Suit: Copyright
- **Farmobile, LLC v. Farmers Edge, Inc.** | May 2022–Sept 2023  
 Jurisdiction: U.S. District Court for the District of Nebraska  
 Case Number: 8:22-cv-00275  
 Counsel: Irell & Manella LLP  
 Nature of Suit: Patent

- **Artec Europe S.a.r.l. v. Schenzen Creality 3D Technology Co., Ltd., et al.** | Apr 2022–Present  
 Jurisdiction: U.S. District Court for the Eastern District of New York  
 Case Number: 1:22-cv-01676  
 Counsel: Munck Wilson Mandala LLP  
 Nature of Suit: Patent
- **Autoscan GmbH, et al. v. 5121175 Manitoba LTD d/b/a DCC Hail** | Nov 2020–Sept 2021  
 Jurisdiction: Federal Court of Canada  
 Case Number: T-359-20  
 Counsel: Gowling WLG  
 Nature of Suit: Copyright
- **Intellicad Technology Consortium v. Suzhou Gstarsoft Co. Ltd.** | July 2020–Oct 2020  
 Jurisdiction: U.S. District Court for the District of Oregon  
 Case Number: 3:19-cv-01963  
 Counsel: Perkins Coie LLP  
 Nature of Suit: Copyright
- **Denika Terry, et al. v. Wasatch Advantage Group, LLC, et al.** | June 2020–July 2020  
 Jurisdiction: Superior Court of California, County of Los Angeles  
 Case Number: 34-2014-00158417  
 Counsel: Goldstein, Borgen, Dardarian & Ho  
 Nature of Suit: Class Action
- **American National Manufacturing, Inc. v. Sleep Number Corporation** | Sept 2019–July 2020  
 Jurisdiction: United States Patent and Trademark Office  
 Case Number: IPR2019-00497, IPR2019-00500, IPR2019-00514  
 Counsel: Fox Rothschild LLP  
 Nature of Suit: Patent
- **Bookman v. Resorts World Casino New York City, Genting New York LL and International Game Technology PLC** | Sept 2019–Oct 2019  
 Jurisdiction: Supreme Court of the State of New York, Queens County  
 Case Number: 0713839/2017  
 Counsel: Proskauer Rose LLP  
 Nature of Suit: Negligence and Breach of Contract
- **Property Solutions International, Inc v. Yardi Systems** | Aug 2019–Sept 2019  
 Jurisdiction: District of Utah  
 Case Number: 2:15-cv-00102  
 Counsel: Morrison & Foerster, LLP  
 Nature of Suit: Trade Secret
- **IPA Technologies, Inc. v. Google LLC** | May 2019–Present  
 Jurisdiction: U.S. District Court for the District of Delaware  
 Case Number: 18-cv-00318  
 Counsel: Skiermont Derby LLP  
 Nature of Suit: Patent
- **IPA Technologies, Inc. v. Amazon.com, Inc., et al.** | May 2019–Apr 2022  
 Jurisdiction: U.S. District Court for the District of Delaware  
 Case Number: 18-cv-00318  
 Counsel: Skiermont Derby LLP  
 Nature of Suit: Patent

- **Sequoia Technology LLC v. Dell, Inc., Dell Technologies Inc., Hewlett Packard Enterprise Co., Hitachi Ltd, and Super Micro Computer** | Oct 2018–Jan 2023  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:18-cv-01127  
Counsel: One LLP  
Nature of Suit: Patent
- **Lithography Machines and Systems, and Components Thereof** | Sept 2018–Apr 2019  
Jurisdiction: U.S. International Trade Commission  
Case Number: 337-TA-1128, 337-TA-1129  
Counsel: Morrison & Foerster LLP (Nikon Corporation)  
Nature of Suit: Patent
- **Sleep Number Corporation v. Sizewise Rentals, LLC and American National Manufacturing, Inc.** | Aug 2018–Dec 2020  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 5:18-cv-00356  
Counsel: Fox Rothschild LLP  
Nature of Suit: Patent
- **Capstone Logistics Holdings, Inc., et al. v. Humano, LLC, et al.** | June 2018–Jan 2019  
Jurisdiction: U.S. District Court for the Southern District of New York  
Case Number: 1:17-cv-04819  
Counsel: Ferber Law  
Nature of Suit: Copyright and Trade Secret
- **Arlynn Whittaker v. Glaser Weil Fink Howard Avchen & Shapiro, LLP** | Mar 2018–Oct 2018  
Jurisdiction: Superior Court of California, County of Los Angeles  
Case Number: BC657065, BC664506  
Counsel: Baker Marquart  
Nature of Suit: Professional Negligence
- **CyWee Group Ltd. v. ZTE Corporation, ZTE (USA), Inc., and ZTE (TX), Inc.** | Feb 2018–Jan 2019  
Jurisdiction: U.S. District Court for the Southern District of California  
Case Number: 3:17-cv-02130  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent
- **SEVEN Networks, LLC v. ZTE (USA) Inc. and ZTE Corporation** | Jan 2018–Aug 2019  
Jurisdiction: U.S. District Court for the Northern District of Texas  
Case Number: 3:17-cv-01495  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent
- **Farmobile, LLC v. Farmers Edge Inc.** | Nov 2017–Present  
Jurisdiction: Federal Court of Canada  
Case Number: FC 915, FC 688, FC 915, FC 1269  
Counsel: Gowling WLG  
Nature of Suit: Patent
- **Space Data Corporation v. Alphabet Inc., Google LLC, and Loon, LLC** | July 2017–Sept 2019  
Jurisdiction: U.S. District Court for the Northern District of California  
Case Number: 5:16-cv-03260  
Counsel: Hosie Rice LLP  
Nature of Suit: Patent and Trade Secret



- **Hitachi Maxell, Ltd. v. ZTE Corp. and ZTE USA Inc.** | July 2017–June 2018  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 16-cv-00179  
 Counsel: Pillsbury Winthrop Shaw Pittman LLP  
 Nature of Suit: Patent
- **Semcon IP Inc. v. ZTE Corporation, et al.** | May 2017–Mar 2018  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 16-cv-00437  
 Counsel: Pillsbury Winthrop Shaw Pittman LLP  
 Nature of Suit: Patent
- **Vesta Corporation v. Amdocs Management Limited and Amdocs, Inc.** | Mar 2017–Nov 2018  
 Jurisdiction: U.S. District Court for the District of Oregon  
 Case Number: 3:14-cv-01142  
 Counsel: Perkins Coie LLP  
 Nature of Suit: Trade Secret
- **eBay, Inc. v. Masterobjects, Inc.** | Mar 2017–July 2018  
 Jurisdiction: United States Patent and Trademark Office  
 Case Number: IPR2017-00740  
 Counsel: Carr & Ferrell LLP  
 Nature of Suit: Patent
- **Implicit, LLC v. Trend Micro, Inc.** | Jan 2017–Oct 2017  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 6:16-cv-00080, 6:17-cv-00183  
 Counsel: DiNovo Price Ellwanger LLP  
 Nature of Suit: Patent
- **Implicit, LLC v. Ericsson, Inc.** | Jan 2017–Mar 2017  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 6:16-cv-00075, 6:17-cv-00181  
 Counsel: DiNovo Price Ellwanger LLP  
 Nature of Suit: Patent
- **Sound View Innovations, LLC v. Facebook, Inc.** | Aug 2016–Jan 2018  
 Jurisdiction: U.S. District Court for the District of Delaware  
 Case Number: 1:16-cv-00116  
 Counsel: Desmarais LLP  
 Nature of Suit: Patent
- **Farmers Edge, Inc., et al. v. Farmobile LLC, et al.** | July 2016–May 2018  
 Jurisdiction: U.S. District Court for the District of Nebraska  
 Case Number: 8:17-cv-00225  
 Counsel: Husch Blackwell LLP  
 Nature of Suit: Trade Secret and Breach of Contract
- **Certain Air Mattress Systems, Components Thereof, and Methods of Using the Same** | Apr 2016–May 2016  
 Jurisdiction: U.S. International Trade Commission  
 Case Number: 337-TA-971  
 Counsel: Pillsbury Winthrop Shaw Pittman LLP (Sleep Number Corporation)  
 Nature of Suit: Patent

- **Synca Direct Inc. v. Scil Animal Care Company and Vet Novations, Inc.** | Mar 2016–Dec 2016  
 Jurisdiction: U.S. District Court for the Northern District of New York  
 Case Number: 8:15-cv-00794  
 Counsel: White and Williams LLP  
 Nature of Suit: Breach of Contract
- **TiVo, Inc. v. Samsung Electronics Co., Ltd., et al.** | Mar 2016–Nov 2016  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 2:15-cv-01503  
 Counsel: Irell & Manella LLP  
 Nature of Suit: Patent
- **Backflip Software, Inc. v. Cisco Systems, Inc.** | Feb 2016–Oct 2016  
 Jurisdiction: Superior Court of California, County of Santa Clara  
 Case Number: 2013-1-cv-242234  
 Counsel: Hosie Rice LLP  
 Nature of Suit: Breach of Contract
- **Cellular Communications Equipment, LLC v. HTC Corporation and ZTE Corp.** | Dec 2015–Aug 2018  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 2:15-cv-00576  
 Counsel: Pillsbury Winthrop Shaw Pittman LLP  
 Nature of Suit: Patent
- **Ericsson Inc., et al. v. TCL Communication Technology Holdings, Ltd., et al.** | Sept 2015–Dec 2015  
 Jurisdiction: U.S. District Court for the Eastern District of Texas  
 Case Number: 2:15-cv-00011  
 Counsel: Sheppard Mullin Richter & Hampton LLP  
 Nature of Suit: Patent
- **Chipp'd Ltd. v. Crush & Lovely LLC** | July 2015–Sept 2015  
 Jurisdiction: American Arbitration Association  
 Counsel: White and Williams LLP  
 Nature of Suit: Breach of Contract
- **Bryndon Fisher v. The United States of America** | Aug 2015–July 2023  
 Jurisdiction: United States Court of Federal Claims  
 Case Number: 13-608C  
 Counsel: Schubert Jonckheer & Kolbe LLP  
 Nature of Suit: Class Action
- **Seymore Levine v. The Boeing Company** | July 2015–Jan 2016  
 Jurisdiction: U.S. District Court for the Central District of California  
 Case Number: 2:14-cv-06859  
 Counsel: Quinn Emanuel Urquhart & Sullivan LLP  
 Nature of Suit: Patent
- **Global Cash Access, Inc. v. NRT Technology Corp., et al.** | July 2015–Mar 2016  
 Jurisdiction: U.S. District Court for the District of Nevada  
 Case Number: 2:15-cv-00822  
 Counsel: Pillsbury Winthrop Shaw Pittman LLP  
 Nature of Suit: Patent

- **Anthony Johnson v. Storix, Inc.** | June 2015–Dec 2015  
Jurisdiction: U.S. District Court for the Southern District of California  
Case Number: 3:14-cv-01873  
Counsel: Eastman & McCartney LLP  
Nature of Suit: Copyright
- **Custom Media Technologies LLC v. AT&T Services, Inc., et al.** | Apr 2015–June 2015  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:13-cv-01419  
Counsel: Freitas Angell & Weinberg LLP  
Nature of Suit: Patent
- **Huricks, et al. v. Shopkick, Inc.** | Apr 2015–Aug 2015  
Jurisdiction: U.S. District Court for the Northern District of California  
Case Number: 4:14-cv-02464  
Counsel: Newman DuWors, LLP  
Nature of Suit: Telephone Consumer Protection Act (TCPA)
- **Fox Television Stations, Inc. v. FilmOn X, LLC, et al.** | Mar 2015–July 2015  
Jurisdiction: U.S. District Court for the District of Columbia  
Case Number: 1:13-cv-00758  
Counsel: Baker Marquart LLP  
Nature of Suit: Copyright
- **e-Watch, Inc., et al. v. ZTE Solutions, Inc., ZTE (USA) Inc. and ZTE Corp.** | Mar 2015–Jan 2017  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 2:13-cv-01071  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent
- **Novatel Wireless, Inc. v. ZTE Corp. and ZTE (USA) Inc.** | Jan 2015–July 2015  
Jurisdiction: U.S. District Court for the Southern District of California  
Case Number: 3:12-cv-02576  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent
- **Essociate, Inc. v. Clickbooth.com, LLC** | Oct 2014–Feb 2015  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 8:13-cv-01886  
Counsel: Newman DuWors, LLP  
Nature of Suit: Patent
- **Adaptix, Inc. v. ZTE Corporation, ZTE Solutions, Inc., and ZTE (USA) Inc.** | Sept 2014–July 2016  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 6:13-cv-00438  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent
- **VStream Technologies, LLC v. ZTE Corporation and ZTE (USA) Inc., et al.** | Sept 2014–July 2015  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 6:14-cv-00296  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent

- **State of California v. Burlena King** | Aug 2014–Sept 2014  
Jurisdiction: Superior Court of California, County of Los Angeles  
Counsel: Law Offices of the Los Angeles County Public Defender  
Nature of Suit: Criminal
- **Hill-Rom Company, Inc., et al. v. General Electric Company** | July 2014–Sept 2014  
Jurisdiction: U.S. District Court for the Eastern District of Virginia  
Case Number: 2:14-cv-00187  
Counsel: Schiff Hardin LLP  
Nature of Suit: Patent
- **Personal Audio LLC v. ZTE Corporation, et al.** | July 2014–May 2015  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 1:14-cv-00008  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent
- **Yardi Systems, Inc. v. Property Solutions International, Inc.** | May 2014–Sept 2019  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 2:13-cv-07764  
Counsel: Morrison & Foerster, LLP  
Nature of Suit: Copyright and Trade Secret
- **AgJunction, LLC v. Agrian, Inc. et al.** | Apr 2014–Feb 2015  
Jurisdiction: U.S. District Court for the District of Kansas  
Case Number: 2:14-cv-02069  
Counsel: Husch Blackwell LLP  
Nature of Suit: Copyright and Trade Secret
- **Davies v. L.A. Checker Cab** | Apr 2014–June 2014  
Jurisdiction: Superior Court of California, County of Los Angeles  
Case Number: SC111290  
Counsel: Cheong, Denove, Rowell & Bennett  
Nature of Suit: Negligence
- ***Inter Partes Review of U.S. Patent No. 8,466,795*** | Feb 2014–July 2014  
Jurisdiction: U.S. Patent and Trademark Office  
Case Number: IPR2014-00670  
Counsel: Pillsbury Winthrop Shaw Pittman LLP (ZTE Corporation)  
Nature of Suit: Patent
- ***Certain Wireless Devices, Including Mobile Phones And Tablets II*** | Feb 2014–July 2014  
Jurisdiction: U.S. International Trade Commission  
Case Number: 337-TA-905  
Counsel: Pillsbury Winthrop Shaw Pittman LLP (ZTE Corporation)  
Nature of Suit: Patent
- **Pragmatus Mobile, LLC v. ZTE Corporation** | Feb 2014–July 2014  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:14-cv-00443  
Counsel: Pillsbury Winthrop Shaw Pittman LLP  
Nature of Suit: Patent

- **Intellectual Ventures, LLC v. AT&T Mobility, LLC, et al.**  
**Intellectual Ventures, LLC v. T-Mobile USA, Inc., et al.**  
**Intellectual Ventures, LLC v. Nextel Operations, Inc., et al.**  
**Intellectual Ventures, LLC v. United States Cellular Corporation** | Oct 2013–May 2015  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:12-cv-00193, 1:13-cv-01631, 1:13-cv-01636, 1:13-cv-01637,  
1:13-cv-01634, 1:13-cv-01635, 1:13-cv-01632, 1:13-cv-01633  
Counsel: Dechert LLP  
Nature of Suit: Patent
- **Front Row Technologies, LLC v. NBA Media Ventures, LLC, et al.** | Oct 2013–July 2016  
Jurisdiction: U.S. District Court for the District of New Mexico  
Case Number: 1:13-cv-01153  
Counsel: Shore Chan DePumpo LLP  
Nature of Suit: Patent
- **Nokia Corporation and Nokia Inc. v. HTC Corporation and HTC America, Inc.** | Dec 2013–Feb 2014  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:12-cv-00549, 1:12-cv-00550, 1:12-cv-00551  
Counsel: Desmarais LLP  
Nature of Suit: Patent
- **Certain Portable Electronic Communications Devices, Including Mobile Phones and Components Thereof** | Aug 2013–Feb 2014  
Jurisdiction: U.S. International Trade Commission  
Case Number: 337-TA-885  
Counsel: Desmarais LLP (Nokia Corp.)  
Nature of Suit: Patent
- **SecurityBase.com v. Jeffrey Essick, et al.** | Aug 2013–June 2015  
Jurisdiction: Superior Court of California, County of Orange  
Case Number: 30-2012-00546106  
Counsel: Younesi & Yoss, LLP  
Nature of Suit: Copyright and Trade Secret
- **Nokia Corp. and Intellisync Corp. v. HTC America, Inc., and Exedea, Inc.** | Feb 2013–May 2013  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 1:12-cv-00549, 1:12-cv-00550  
Counsel: Desmarais LLP  
Nature of Suit: Patent
- **Certain Electronic Devices, Including Mobile Phones and Tablet Computers, and Components Thereof** | Feb 2013–May 2013  
Jurisdiction: U.S. International Trade Commission  
Case Number: 337-TA-847  
Counsel: Desmarais LLP (Nokia Corp.)  
Nature of Suit: Patent
- **Essociate, Inc. v. Azoogole.com, Inc. and Epic Media Group, Inc.** | Nov 2012–Oct 2013  
Jurisdiction: U.S. District Court for the Western District of Wisconsin  
Case Number: 3:11-cv-00727  
Counsel: Newman DuWors, LLP  
Nature of Suit: Patent

- **John Doe v. Passageway School** | Oct 2012–Dec 2012  
Jurisdiction: Superior Court of California, County of Ventura  
Case Number: 2012-00418623  
Counsel: Stone & Hiles, LLP  
Nature of Suit: Negligence
- **Essociate, Inc. v. Neverblue Media, Inc.** | Sept 2012–July 2013  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 2:12-cv-08455  
Counsel: Newman DuWors, LLP  
Nature of Suit: Patent
- **Porto Technology Co., Ltd. v. Cellco Partnership d/b/a Verizon Wireless** | Sept 2012–Feb 2014  
Jurisdiction: U.S. District Court for the Eastern District of Virginia  
Case Number: 3:12-cv-00678, 3:13-cv-00265  
Counsel: Fox Rothschild LLP  
Nature of Suit: Patent
- **Flashpoint Technology, Inc. v. ZTE Corporation** | Aug 2012–Mar 2013  
Jurisdiction: U.S. District Court for the District of Delaware  
Case Number: 12-cv-00649  
Counsel: Goodwin Procter LLP  
Nature of Suit: Patent
- **Certain Electronic Imaging Devices** | Aug 2012–Mar 2013  
Jurisdiction: U.S. International Trade Commission  
Case Number: 337-TA-850 (ZTE Corporation)  
Counsel: Goodwin Procter LLP  
Nature of Suit: Patent
- **MobileMedia Ideas, LLC v. HTC Corporation and HTC America, Inc.** | July 2012–May 2013  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 2:10-cv-00112  
Counsel: Desmarais LLP  
Nature of Suit: Patent
- **Golden Archer Investments, LLC v. SkyNet Financial Systems, LLC** | July 2012–Dec 2012  
Jurisdiction: U.S. District Court for the Southern District of New York  
Case Number: 1:11-cv-03673  
Counsel: Goldman Ismail Tomaselli Brennan & Baum LLP  
Nature of Suit: Breach of Contract
- **Inter Partes Reexamination of U.S. Patent No. 7,702,669** | May 2012–July 2012  
Jurisdiction: U.S. Patent and Trademark Office  
Case Number: 95/001,844  
Counsel: Hickman Palermo Truong Becker Bingham Wong LLP (RingCentral, Inc.)  
Nature of Suit: Patent
- **Denise Black v. Prowess, Inc.** | Mar 2012–May 2012  
Jurisdiction: State of New York, Supreme Court, County of Ontario  
Case Number: 0102070/2009  
Counsel: Smith, Sovik, Kendrick & Sugnet, PC  
Nature of Suit: Breach of Contract

- **Essociate, Inc. v. Direct ROI, LLC** | Mar 2012–June 2012  
Jurisdiction: U.S. District Court for the Central District of California  
Case Number: 2:10-cv-02107, 8:12-cv-00444  
Counsel: Newman DuWors, LLP  
Nature of Suit: Patent
- **EchoStar Technologies, Corp. v. TiVo Inc. and Humax USA, Inc.** | Mar 2011–Apr 2011  
Jurisdiction: U.S. District Court for the Eastern District of Texas  
Case Number: 5:05-cv-00081  
Counsel: Morrison & Foerster, LLP  
Nature of Suit: Patent

## Intellectual Property Consulting

- **Farjami & Farjami LLP** | May 2025–Sept 2025  
Nature of Consultation: Patent Analysis & Monetization  
Technology: Speech recognition.

## Journal and Magazine Articles

- Mahdi Eslamimehr, George Edwards, and Mohsen Lesani | 2017  
***Efficient Detection and Validation of Atomicity Violations in Concurrent Programs*** – Journal of Systems & Software
- Yuriy Brun, Jae young Bang, George Edwards, and Nenad Medvidovic | 2015  
***Self-Adapting Reliability in Distributed Software Systems*** – IEEE Transactions on Software Engineering
- Chris A. Mattmann, Nenad Medvidovic, Sam Malek, George Edwards and Somo Banerjee | 2012  
***A Middleware Platform for Providing Mobile and Embedded Computing Instruction to Software Engineering Students*** – IEEE Transactions on Education
- Nenad Medvidovic, Hossein Tajalli, Joshua Garcia, Yuriy Brun, Ivo Krka, and George Edwards | 2011  
***Engineering Heterogeneous Robotics Systems: A Software Architecture-Based Approach*** – IEEE Computer
- Nenad Medvidovic and George Edwards | 2010  
***Software Architecture and Mobility: A Roadmap*** – Journal of Systems and Software (JSS): Special Issue on Software Architecture and Mobility
- Nenad Medvidovic, Hossein Tajalli, Joshua Garcia, Yuriy Brun, Ivo Krka, George Edwards, Marija Mikic Rakic, Sam Malek, and Gaurav Sukhatme | 2010  
***An Architecture-Driven Software Mobility Framework*** – Journal of Systems and Software (JSS): Special Issue on Software Architecture and Mobility
- George Edwards, Chiyong Seo, and Nenad Medvidovic | 2008  
***Model Interpreter Frameworks: A Foundation for the Analysis of Domain-Specific Software Architectures*** – Journal of Universal Computer Science (JUICS): Special Issue on Software Components, Architectures and Reuse

- Aniruddha Gokhale, Krishnakumar Balasubramanian, Jaiganesh Balasubramanian, Arvind Krishna, George T. Edwards, Gan Deng, Emre Turkay, Jeffrey Parsons, and Douglas C. Schmidt | 2005  
**Model-Driven Middleware: A New Paradigm for Deploying and Provisioning Distributed Real-time and Embedded Applications** – Elsevier Journal of the Science of Computer Programming: Special Issue on Model Driven Architecture

## Conference Papers

- Mahdi Eslamimehr, George Edwards | December 2015  
**End-to-End Cross-Language Test Case Generation for Web Applications**  
 Proceedings of the 9th EAI International Conference on Performance Evaluation Methodologies and Tools
- Christoph Dorn, George Edwards, Nenad Medvidovic | September 2012  
**Analyzing Design Tradeoffs in Large-scale Socio-Technical Systems through Simulation of Dynamic Collaboration Patterns**  
 Proceedings of the 20th International Conference on Cooperative Information Systems (CoopIS)
- George Edwards, Nenad Medvidovic, Yuriy Brun | August 2012  
**Automated Analysis and Code Generation for Domain-Specific Models**  
 Proceedings of the Joint 10th Working IEEE/IFIP Conference on Software Architecture & 6th European Conference on Software Architecture (WICSA/ECSA)
- George Edwards, Yuriy Brun, Nenad Medvidovic | November 2011  
**Isomorphism in Model Tools and Editors**  
 Proceedings of the 26th IEEE/ACM International Conference on Automated Software Engineering (ASE)
- Yuriy Brun, George Edwards, Jae Young Bang, Nenad Medvidovic | June 2011  
**Smart Redundancy for Distributed Computation**  
 Proceedings of 31st International Conference on Distributed Computing Systems (ICDCS)
- Hossein Tajalli, Joshua Garcia, George Edwards, Nenad Medvidovic | September 2010  
**PLASMA: A Plan-based Layered Architecture for Software Model-driven Adaptation**  
 Proceedings of the 25th IEEE/ACM International Conference on Automated Software Engineering (ASE)
- Jae Young Bang, Daniel Popescu, George Edwards, Nenad Medvidovic, Naveen Kulkarni, Girish M. Rama, Srinivas Padmanabhuni | May 2010  
**CoDesign - A Highly Extensible Collaborative Software Modeling Framework**  
 Research Demonstrations Track, Proceedings of the ACM/IEEE 32nd International Conference on Software Engineering (ICSE)
- Ivo Krka, George Edwards, Yuriy Brun, Nenad Medvidovic | August 2009  
**Synthesizing Partial Component-Level Behavior Models from System Specifications**  
 Proceedings of the 7th Joint Meeting of the European Software Engineering Conference and ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE)
- Joshua Garcia, Daniel Popescu, George Edwards, and Nenad Medvidovic | June 2009  
**Toward a Catalogue of Architectural Bad Smells**  
 Proceedings of the 5<sup>th</sup> International Conference on the Quality of Software Architectures (QoSA)



- Ivo Krka, George Edwards, Yuriy Brun, and Nenad Medvidovic | May 2009  
***From System Specifications to Component Behavioral Models***  
 New Ideas and Emerging Results Track, Companion Volume of the 31st International Conference on Software Engineering (ICSE)
- Joshua Garcia, Daniel Popescu, George Edwards, and Nenad Medvidovic | March 2009  
***Identifying Architectural Bad Smells***  
 Proceedings of the 13<sup>th</sup> European Conference on Software Maintenance and Reengineering (CSMR)
- Steve Mastrianni, David Bantz, Terrence Buechner, Tom Chefalas, George Edwards, Song Jinho, Dong Jun Lan, Gary Leonardi, Leslie Liu, Randy Moulic, Dennis G. Shea, Andrew Wyskida | October 2008  
***BlueStar: Managed Services for Enterprise Mobility***  
 Proceedings of the IEEE International Conference on e-Business Engineering (ICEBE)
- George Edwards, Leslie S. Liu, and Randy Moulic | October 2008  
***Proxima: A Mobile Augmented-Image Search System***  
 Proceedings of the ACM International Conference on Multimedia (ACMMM)
- George Edwards and Nenad Medvidovic | September 2008  
***A Methodology and Framework for Creating Domain Specific Development Infrastructures***  
 Proceedings of the 23<sup>rd</sup> IEEE ACM International Conference on Automated Software Engineering (ASE)
- Chiyong Seo, George Edwards, Sam Malek, and Nenad Medvidovic | February 2008  
***A Framework for Estimating the Impact of a Distributed Software System's Architectural Style on its Energy Consumption***  
 Proceedings of the Working International Conference on Software Architecture (WICSA)
- George Edwards, Chiyong Seo, and Nenad Medvidovic | August 2007  
***Construction of Analytic Frameworks for Component-Based Architectures***  
 Proceedings of the Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS)
- Gan Deng, Ming Xiong, Aniruddha Gokhale, and George Edwards | May 2007  
***Evaluating Real-time Publish/Subscribe Service Integration Approaches in QoS-enabled Component Middleware***  
 Proceedings of the 10<sup>th</sup> IEEE International Symposium on Object-oriented Real-time Distributed Computing (ISORC)
- George Edwards, Sam Malek, and Nenad Medvidovic | March 2007  
***Scenario-Driven Dynamic Analysis of Distributed Architectures***  
 Proceedings of the 10<sup>th</sup> International Conference on Fundamental Approaches to Software Engineering (FASE)
- George Edwards, Gan Deng, Douglas C. Schmidt, Aniruddha Gokhale, and Balachandran Natarajan | October 2004  
***Model-Driven Configuration and Deployment of Component Middleware Publisher/Subscriber Services***  
 Proceedings of the 3<sup>rd</sup> ACM International Conference on Generative Programming and Component Engineering (GPCE)
- George Edwards, Douglas C. Schmidt, Aniruddha Gokhale, and Bala Natarajan | April 2004  
***Integrating Publisher/Subscriber Services in Component Middleware for Distributed Real-time and Embedded Systems***  
 Proceedings of the 42<sup>nd</sup> Annual ACM Southeast Conference (ACMSE)

## Workshop Papers

- Arman Shahbazian, George Edwards, Nenad Medvidovic | May 2016  
***An End-to-End Domain Specific Modeling and Analysis Platform***  
8th Workshop on Modelling in Software Engineering (MiSE)
- Chiyong Seo, George Edwards, Daniel Popescu, Sam Malek, Nenad Medvidovic | August 2009  
***A Framework for Estimating the Energy Consumption Induced by a Distributed System's Architectural Style***  
8th Workshop on Specification and Verification of Component-Based Systems (SAVCBS)
- George Edwards, Joshua Garcia, Hossein Tajalli, Daniel Popescu, Nenad Medvidovic, Gaurav Sukhatme, and Brad Petrus | May 2009  
***Architecture-Driven Self-Adaptation and Self-Management in Robotics Systems***  
Proceedings of the Workshop on Software Engineering for Adaptive and Self-Managing Systems (SEAMS)
- Ivo Krka, Leslie Cheung, George Edwards, Leana Golubchik, Nenad Medvidovic | June 2008  
***Architecture-Based Software Reliability Estimation: Problem Space, Challenges, and Strategies***  
Proceedings of the Workshop on Architecting Dependable Systems (WADS)
- George Edwards, Chiyong Seo, Daniel Popescu, Sam Malek, Nenad Medvidovic | November 2007  
***Self-\* Software Architectures and Component Middleware in Pervasive Environments***  
Proceedings of the 5th International Workshop on Middleware for Pervasive and Ad-Hoc Computing (MPAC)
- Chiyong Seo, Sam Malek, George Edwards, Daniel Popescu, Nenad Medvidovic, Brad Petrus, and Sharmila Ravula | May 2007  
***Exploring the Role of Software Architecture in Fault-Tolerant and Dynamic Pervasive Systems***  
Proc. of 1st Workshop on Software Engineering of Pervasive Computing Applications, Systems and Environments

## Book Chapters

- Ivo Krka, George Edwards, Leslie Cheung, Leana Golubchik, and Nenad Medvidovic | 2009  
***A Comprehensive Exploration of Challenges in Architecture-Based Reliability Estimation***  
Architecting Dependable Systems 6, R. de Lemos, J.-C. Fabre, C. Gacek, F. Gadducci, M. ter Beek (Eds.)

## Posters And Demonstrations

- ***BlueStar Mobile Management Services***  
IBM Research Technology Fair | June 2008
- ***The Extensible Tool-chain for Evaluation of Architectural Models***  
USC Center for Software and Systems Engineering Convocation | October 2006
- ***A Model-Driven Framework for Architectural Evaluation of Mobile Software Systems***  
UCI Institute for Software Research Forum | April 2006

## Invited Talks

- ***Metamodeling-Enabled Model-Checking for Complex Systems***  
Systems Engineering Research Center (SERC) Annual Research Review | November 2010
- ***XTEAM: Automated Synthesis of Domain-Specific Code Generators***  
Northrop Grumman Technology Day Research Showcase, Information Systems Track | May 2010
- ***Domain-Specific Model Analysis and Code-Generation Frameworks***  
Ground Systems Architecture Workshop (GSAW), Architecture-Centric Evolution (ACE) Working Group | March 2010
- ***Automated Analysis and Code Generation for Domain-Specific Models***  
USC Computer Science Department Annual Research Review | March 2010
- ***Automated Analysis and Code Generation for Domain-Specific Models***  
USC Center for Software and Systems Engineering Annual Research Review | March 2010
- ***Model-Driven Analysis Frameworks for Embedded Systems***  
USC Center for Software and Systems Engineering Annual Research Review | March 2009
- ***Creating Domain-Specific Development Infrastructures***  
USC Center for Software and Systems Engineering Annual Research Review | March 2008
- ***Weighing Architectural Trade-offs with XTEAM***  
USC Center for Software and Systems Engineering Annual Research Review | February 2007

## Technical Reports

- George Edwards, Yuriy Brun, and Nenad Medvidovic | August 2010  
***Automated Analysis and Code Generation for Domain-Specific Models***  
Technical Report USC-CSSE-2010-517, Center for Software and Systems Engineering, University of Southern California
- George Edwards and Nenad Medvidovic | July 2009  
***Model Interpreter Frameworks***  
Technical Report USC-CSSE 2009-514, USC Center for Software and Systems Engineering, Center for Software and Systems Engineering, University of Southern California
- George Edwards and Nenad Medvidovic | May 2009  
***A Highly Extensible Simulation Framework for Domain Specific Architectures***  
Technical Report USC-CSSE-2009-511, Center for Software and Systems Engineering, Univ. of Southern California
- Yuriy Brun, George Edwards, and Nenad Medvidovic | May 2009  
***Injecting Robustness into Autonomic Grid Systems***  
Technical Report USC-CSSE-2009-510, USC Center for Software and Systems Engineering, University of Southern California

## Patent Applications

- **Method and Apparatus for Simulation of Domain-Specific Models**  
U.S. Provisional Patent Application 61/513,357, filed July 29, 2011. (abandoned)
- **Extensible Collaborative Software Modeling**  
U.S. Patent Application 13/271,008, filed October 11, 2011. (abandoned)

## Honors and Awards

- **2008 USC Computer Science Outstanding Student Research Award**  
Awarded each year for exceptional research achievement by a graduate student in computer science.
- **Annenberg Graduate Fellowship** | August 2007  
Supports highly qualified graduate students to conduct cutting-edge communication and digital media research and advance important new programs in the communications arena.
- **USC Viterbi School of Engineering Dean's Doctoral Fellowship** | May 2004  
Supports world-class students for four years in the pursuit and publication of research leading to the doctoral degree.
- **Vanderbilt Summa Cum Laude Graduate** | August 2003  
Awarded to graduates whose grade point average equals or exceeds that of the top 5 percent of the previous year's graduating seniors.
- **NSF Research Experiences for Undergraduates Grant** | June 2003  
Supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation.
- **Vanderbilt Dean's List with High Honors** | Dec 2000, May '01, Dec '01, May '02, Dec '02, May '03  
Recognizes outstanding academic performance in a semester. Students are named to the Dean's List when they earn a grade point average of at least 3.500.
- **Vanderbilt School of Engineering Merit Scholarship** | May 2000  
Awarded to approximately 5 percent of all applicants based on exceptional accomplishment and high promise in intellectual endeavors.
- **National Merit Scholar** | May 2000  
Awarded for academic achievement to 8,200 high school students each year out of 1.5 million entrants.

## Teaching

- **Lecturer**, CSCI 102–Data Structures | Fall 2012
- **Lecturer**, CSCI 568–Requirements Engineering | Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2016
- **Teaching Assistant**, Infosys Intensive Course on Software Architecture | December 2009
- **Guest Lecturer**, CSCI 589–Software Engineering for Embedded Systems | Fall 2007, Fall 2008
- **Guest Lecturer**, CSCI 377–Introduction to Software Engineering | Fall 2007, Fall 2008, Fall 2009
- **Guest Lecturer**, SAE 599–Model-Driven Systems Architecture | Summer 2007, Spring 2008
- **Teaching Assistant**, CSCI 589–Software Engineering for Embedded Systems | Fall 2006

## Research Community Service

- Reviewer for the **Journal of Systems and Software**, Elsevier | 2010–2013
- Reviewer for **IEEE Transactions on Software Engineering (TSE)** | 2010–2012
- Reviewer for the **50th International Conference on Objects, Models, Components, Patterns (TOOLS Europe)**  
Prague, Czech Republic | May 28–June 1, 2012
- Program Committee Member for the **Research in Applied Computation Symposium (RACS)**  
Miami, FL | November 2–5, 2011
- Reviewer for the **Workshop on Software Engineering for Adaptive and Self-Managing Systems (SEAMS)**  
Cape Town, South Africa | May 3–4, 2010
- Reviewer for the **24th IEEE/ACM International Conference on Automated Software Engineering (ASE)**  
Auckland, New Zealand | November 1–20, 2009
- Reviewer for **DSN 2009 Workshop on Architecting Dependable Systems (WADS)**, Lisbon, Portugal | June 29, 2009
- Reviewer for **Architecting Dependable Systems 6**, Springer Publishing | 2009
- Reviewer for the **6th IEEE International Conference on Autonomic Computing (ICAC)** | June 15–19, 2009
- Reviewer for **IEEE Software Special Issue: Domain-Specific Languages & Modeling** | July/August, 2009
- Reviewer for the **23rd International Conference on Automated Software Engineering (ASE)**  
L'Aquila, Italy | Sept. 15–19, 2008
- Reviewer for the **Working IEEE/IFIP Conference on Software Architecture (WICSA)**  
Vancouver, Canada | February 18–21, 2008
- Program Committee Member for the **Institute for Software Research (ISR) Graduate Student Research Symposium (GSRS)**, Irvine, CA | June 1, 2007
- Reviewer for the **3rd International Conference on the Quality of Software Architectures (QoSA)**  
Boston, MA | July 12–13, 2007
- Reviewer for the **10th International ACM SIGSOFT Symposium on Component-Based Software Engineering (CBSE)**,  
Boston, MA | July 9–11, 2007
- Reviewer for the **First IEEE International Conference on Self-Adaptive and Self-Organizing Systems (SASO)**  
Boston, MA | July 9–11, 2007
- Reviewer for the **Second Workshop on Sharing and Reusing Architectural Knowledge - Architecture, Rationale, and Design Intent (SHARK/ADI)**, Minneapolis, MN | May 19–20, 2007
- Reviewer for the **Workshop on Tools, Operating Systems and Programming Models for Developing Reliable Systems (TOPMoDeLS)**, Long Beach, CA | March 26–30, 2007

## Professional Associations

- **Member**, Association for Computer Machinery (ACM) and ACM Special Interest Group on Simulation and Modeling
- **Member**, IEEE Computer Society