William Luk

Regional Director, Northern California

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Quandary Peak Research
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As the Regional Director of the Northern California region, I oversee a team of software experts in AI/ML, patent, trade secret, computer / network security, and other software related litigation. I also lead the technical due diligence practice to provide technology consulting to VCs, investment bankers, private equity firms, and Fortune 100 companies in matters of M&A transactions, startup investments, acqui-hires and IP matters.

Education

Master in Business Administration
USC – Marshall School of Business, Los Angeles, California

Master of Science in Computer Science
University of Southern California, Los Angeles, California

Bachelor of Science in Computer Science
University of Southern California, Los Angeles, California

Professional Experience

Quandary Peak Research

Regional Director, Northern California | Hayward, CA | July 2021–Present

- Evaluating the software architecture of various products and assessing overall characteristics, strengths and weaknesses.
- Analyzing source code to opine on various software characteristics such as scalability, interoperability, security, and extensibility.
- Using a suite of tools to programmatically detect the presence of open-source software and potential exposure to problematic open-source licenses and security vulnerabilities.
- Interfacing with private equity, VC and other clients as well as executives/technical team from target companies.
- Documenting and conveying technical findings to clients in the form of a formal report and/or executive briefing.

Data Lantern Inc

Founder | Newark, California | Feb 2014–Dec 2020

- Built a secure data ecosystem for Internet of Things (IoT) to solve data security / privacy, smart device interoperability, and monetization / adoption issues.
- Developed a PoC backend to secure smart device data with REST API's.
- Led an off-shore team to develop a React-Native based data gathering app for Apple iOS and Android based devices (available on both Apple and Google App Stores).

PeakEquity Partners

Consultant | Radnor, Pennsylvania | Sept 2015–Dec 2017

- Performed technical due diligence of Security, SaaS, and Enterprise Content Management (ECM) companies for possible investment or acquisition.
- Reviewed target company's product architecture, product security, deployment strategies, and support infrastructure for technical and security risk and exposure.
- Compared target company's technology stacks and tools against the latest industry standards.
- Identified and recommended solutions to investment's potential technical, security, development, quality, deployment, and operational (on-premise / SaaS) issues.

Sideband Networks

Advisor / Product Management | San Jose, California | Feb 2014–Jan 2016

- Refocused company's strategy from network management to behavior-based security and risk monitoring using extremely large data analytics.
- Authored a high-level PRD of a network anomalies based security appliance for enterprises.
- Evaluated the engineering process and established an Agile development process (Jira) for both engineering and product management teams.

Prevalent Inc

Consultant / Product Management | Warren, New Jersey | June 2014–Aug 2015

- Defined the product requirements and workflows of the Vendor Risk Management (VRM) SaaS offering.
- Monitor the off-shore development team progress and execution velocity.
- Evaluated micro-service architecture of the SaaS backend for scalability.

CA Technologies Inc

Senior Director, Software Development | Santa Clara, California | Nov 2010–Feb 2014

- Led the ERwin data modeling product development to support extremely large enterprise databases for Fortune 100 companies.
- Managed the CA APM development team to develop the first SaaS solution.
- Partnered with CA Ops, SaaS Platform team, Product Management, Sales, and 3rd Party Security Auditors to deliver the APM SaaS solutions on AWS.
- Represented CA to work with key enterprise customers and world-wide user groups to present roadmaps, and address and resolve product issues and concerns.
- Presented and updated CA senior executives quarterly on product development, key support issues, and customer satisfaction (NPS).

Yousendit / HighTail Inc

Senior Director, Advanced Products | Campbell, California | Apr 2010–Nov 2010

- Formulated product strategies and roadmaps to extend freemium SaaS offering.
- Expanded business into China by partnering with CDN (ChinaCache) in China.
- Shifted focus from email file exchange to cloud storage and mobile computing platform

Symantec Corporation

Director, Development | Mountain View, California | May 2003–June 2009

- Led the development of Symantec Network Security (IDS/IPS) and Database Security products for very large enterprises.
- Mentored and developed leaderships in coding, quality engineering, and product management.
- Managed global engineering teams in the US, Pune India, and Bangalore India.

CoSine Communications

Software Manager | Redwood City, California | Feb 1999–May 2003

- Architected, designed, and managed the development of the stateful firewall, H.323, and SIP gateway for the carrier class IPSX network switch with virtualized security services.
- Developed a security architecture for the embedded RTOS inside a network switch.
- Deployed a secured H.323 based video conference solution in the AT&T network.

Union Bank of California (UBOC)

Network Security Architect | Monterey Park, California | Jan 1998–Feb 1999

- Architected the security perimeters for UBOC's two primary data centers.
- Evaluated and implemented encryption of wire transfer processing within the UBOC network.
- Represented Information Security to partner with different UBOC business units to identify potential security and risk exposures of new initiatives.
- Partnered with UBOC auditors to conduct audits of employee's remote access.
- Designed the UBOC's security policies and incident response procedures to comply with Federal banking regulations.

Trusted Information Systems (TIS)

Senior Software Engineer / Consultant | Los Angeles, California | May 1995–Jan 1998

- Designed and developed the Oracle SQL*Net, Microsoft SQL Server, SNMP, and Line Printer application proxies for the Gauntlet Firewall, the first commercial Internet firewall.
- Consulted Republic National Bank of New York, American Express, Monsanto, Hughes Aircraft, and US Navy on network and perimeter security.

Litigation Consulting

- **Kirby, et al. v. Conversion Squared Corporation, et al.** | Aug 2026–Present
  Jurisdiction: Superior Court of the State of California, County of Marin
  Case Number: CV0008127
  Counsel: Law Offices of Jacob Harker
  Nature of Suit: Class Action
- **Sypram Software, LLC v. Dil Se Shows Inc. d/b/a Gokul Systems Solutions, et al.** | Aug 2026–Present
  Jurisdiction: U.S. District Court for the Northern District of Illinois
  Case Number: 1:25-cv-14853
  Counsel: Pittacora Law Group, LLC
  Nature of Suit: Trade Secret Misappropriation
- **Hilliard, et al. v. NRRM LLC, et al.** | June 2026–Present
  Jurisdiction: Superior Court of California, County of Alameda
  Case Number: 23CV041038
  Counsel: Law Offices of Jacob Harker
  Nature of Suit: Class Action
- **Austin, et al. v. One Technologies LLC** | June 2026–Present
  Jurisdiction: U.S. District Court for the Northern District of Texas
  Case Number: 3:24-cv-00839
  Counsel: Law Offices of Jacob Harker
  Nature of Suit: Class Action
- **NetLens Technologies Inc. v. Microsoft Corporation** | Apr 2026–Present
  Jurisdiction: U.S. District Court for the Western District of Texas
  Case Number: 7:25-cv-00311
  Counsel: Hecht Partners LLP
  Nature of Suit: Patent
- **Christopher Tijerina, et al. v. MNA OnlineV LLC, Media Reps LLC, et al.**
  Consolidated with Ekins, et al. v. SCTR Services LLC, Media Reps LLC, et al. | Jan 2026–Aug 2026
  Jurisdiction: Superior Court of California, County of San Diego
  Case Number: 37-2023-00002174; 37-2023-00002595
  Counsel: Law Offices of Jacob Harker
  Nature of Suit: Class Action
- **Gary Chance, Estate Of Taylor Lee Chance v.**
  Shane Stanton and Witte Brothers Exchange, Inc. | Sept 2025–Present
  Jurisdiction: Iowa District Court for Humboldt County
  Case Number: LACV019220
  Counsel: Heidman Law
  Nature of Suit: Wrongful Death
- **Linked Inclusion Corp. v. Technology Dynamics, Inc., Cerebral Blue LLC, et al.** | Aug 2025–Feb 2026
  Jurisdiction: Superior Court of California, County of San Diego
  Case Number: 37-2023-00051085
  Counsel: Behmer & Blackford LLP
  Nature of Suit: Trade Secret

- **United States v. Confidential Defendant** | May 2025–Jan 2026
  Jurisdiction: U.S. District Court for the Northern District of California
  Nature of Suit: Criminal
- **Revenue Management Solutions, LLC v. Commerce Bank** | Apr 2025–Present
  Jurisdiction: U.S. District Court for the Western District of Missouri
  Case Number: 4:25-cv-00140
  Counsel: Banner Witcoff
  Nature of Suit: Trade Secret
- **Alyssa West v. Apple, Inc.** | Aug 2024–Present
  Jurisdiction: Superior Court of California, County of Santa Clara
  Case Number: 22-cv-408209
  Counsel: Migliaccio & Rathod LLP, Bursor & Fisher, P.A.
  Nature of Suit: Class Action
- **Omnitracs, LLC, XRS Corporation, and SmartDrive Systems, Inc. v. Motive Technologies, Inc. (F/K/A) Keeptruckin, Inc.** | July 2024–Apr 2025
  Jurisdiction: U.S. District Court for the Northern District of California, San Francisco Division
  Case Number: 3:23-cv-05261
  Counsel: King & Spalding LLP
  Nature of Suit: Patent
- **Universal Music Group v. Frontier Communications** | July 2024–May 2025
  Jurisdiction: U.S. Bankruptcy Court for the Southern District of New York
  Case Number: 20-22476 (MG)
  Counsel: Day Pitney LLP
  Nature of Suit: Bankruptcy
- **Marcos & Jorge Luis Rodriguez v. T-Mobile USA, Inc.** | July 2024–Dec 2025
  Jurisdiction: U.S. District Court for the Southern District of California
  Case Number: 3:22-cv-00581
  Counsel: Sharif Faust Lawyers, Ltd.
  Nature of Suit: Cybersecurity, Standard of Care Breach
- **Vimo, Inc. d/b/a GetInsured v. Deloitte Consulting LLP** | May 2024–Mar 2025
  Jurisdiction: Superior Court of California, County of Santa Clara
  Case Number: G-24-7-NA, 22CV405262
  Counsel: Kirkland & Ellis LLP
  Nature of Suit: Trade Secret, Breach of Contract
- **USA v. Hytera Communications Corporation, Ltd., et al.** | Apr 2024–Jan 2025
  Jurisdiction: U.S. District Court for the Northern District of Illinois
  Case Number: 1:20-cr-00688
  Counsel: U.S. Attorney's Office Northern District of Illinois
  Nature of Suit: Criminal, Trade Secret
  Press Release: Expert Analysis Contributes to Guilty Plea
- **Anduril Industries, Inc. v. Salient Motion Inc.** | Apr 2024–Present
  Jurisdiction: U.S. District Court for the Central District of California
  Case Number: 8:23-cv-01650
  Counsel: McKool Smith, P.C.
  Nature of Suit: Trade Secret

- **InQuisient Inc. v. ServiceNow, Inc.** | Mar 2024–Nov 2024
  Jurisdiction: U.S. District Court for the District of Delaware
  Case Number: 1:22-cv-00900
  Counsel: Fish & Richardson P.C.
  Nature of Suit: Patent
- **Securities and Exchange Commission v. Confidential Defendant** | Feb 2024–Aug 2025
  Jurisdiction: U.S. District Court for the Middle District of Florida
  Nature of Suit: Securities Fraud, MLM
- **Robotic Vision Technologies Inc. v. ABB Inc.** | Feb 2024–Mar 2025
  Jurisdiction: U.S. District Court for the District of Delaware
  Case Number: 1:22-cv-01257
  Counsel: Sterne Kessler Goldstein & Fox PLLC
  Nature of Suit: Patent, Trade Secret and Copyright Infringement
  Technology: Robotic computer vision, gripper targeting, feature selection and identification
- **Polaris PowerLED Technologies, LLC v. Samsung Electronics America** | Sept 2023–Dec 2024
  Jurisdiction: U.S. District Court for the Eastern District of Texas, Marshall Division
  Case Number: 2:22-cv-353-JRG
  Counsel: Kramer Alberti Lim & Tonkovich LLP
  Nature of Suit: Patent
- **Security First Innovations, LLC v. Google LLC** | Sept 2023–Present
  Jurisdiction: U.S. District Court for the Eastern District of Virginia, Norfolk Division
  Case Number: 2:23-cv-00097-EWH-RJK
  Counsel: Sullivan & Cromwell LLP
  Nature of Suit: Patent
- **Donna Wood, et al. v. Mike Bloomberg 2020, Inc.** | Sept 2023–Oct 2023
  Jurisdiction: U.S. District Court for the Southern District of New York
  Case Number: 1:20-cv-02489-LTS-GWG
  Counsel: Proskauer Rose LLP
  Nature of Suit: Class Action, Political
- **Nantworks, LLC, and Nant Holdings IP, LLC v. Niantic, Inc.** | Aug 2023–Present
  Jurisdiction: U.S. District Court for the Northern District of California
  Case Number: 3:20-cv-06262
  Counsel: Sullivan Blackburn Pratt LLP
  Nature of Suit: Patent
- **K+S Potash Canada General Partnership v. Veolia Water Technologies Inc.** | Mar 2023–Present
  Jurisdiction: Court Of Queen's Bench For Saskatchewan
  Case Number: QB No. 817 (filed 2018)
  Counsel: Stikeman Elliott LLP
  Nature of Suit: Breach of Contract
  Technology: Plant Design Management Systems (PDMS), Clash Detection, Database synchronization
  Expert Role: Software Architecture and Product Reviewer

- **Wildseed Mobile v. Google LLC** | Jan 2023–July 2024
  Jurisdiction: U.S. District Court for the Western District of Texas, Waco Division
  Case Number: 6:22-cv-00357
  Counsel: Feinberg Day Kramer Alberti Lim Tonkovich & Belloli LLP
  Nature of Suit: Patent Infringement
- **Taasera Licensing, LLC v. Trend Micro, Check Point Software, Palo Alto Networks** | Jan 2023–Dec 2023
  Jurisdiction: U.S. District Court for the Eastern District of Texas, Marshall Division
  Case Number: 2:22-cv-00062-JRG-RSP
  Counsel: Fabricant LLP
  Nature of Suit: Patent
- **GoTV Streaming LLC v. Netflix** | Jan 2023–Jan 2024
  Jurisdiction: U.S. District Court for the Central District of California, Western Division
  Case Number: 2:22-cv-07556
  Counsel: Alavi & Anaipakos, PLLC
  Nature of Suit: Patent
- **Sunstone v. F5** | Sept 2022–Apr 2023
  Jurisdiction: U.S. District Court for the Northern District of California, Oakland Division
  Case Number: 4:21-cv-09529-YGR
  Counsel: King & Spalding LLP
  Nature of Suit: Patent
- **Carrolls v. Neels** | July 2022–Mar 2024
  Jurisdiction: Superior Court of Arizona in Maricopa County
  Case Number: CV2021-008343
  Counsel: Guidant Law Firm, Tempe Arizona
  Nature of Suit: Misrepresentation & Non-disclosure
- **Broadband iTV, Inc. v. Comcast Corporation, Comcast Cable Communications, LLC, NBCUniversal Media, LLC;**
  Broadband iTV, Inc. v. Charter Communications, Inc, Charter Communications Holding Company, LLC;
  Broadband iTV, Inc. v. Spectrum Management Holding Company, LLC;
  Broadband iTV, Inc. v. Altice USA, Inc; CSC Holdings, LLC; Cablevision Systems Corp. | Apr 2022–Sept 2022
  Jurisdiction: U.S. International Trade Commission (ITC)
  Investigation Number: 337-TA-1315
  Counsel: Kramer Day Alberti Lim Tonkovich & Belloli
  Nature of Suit: Patent
- **Via Transportation v. RideCo Inc.** | June 2022–Feb 2025
  Jurisdiction: U.S. District Court for the Western District of Texas
  Case Number: 6:21-cv-00457
  Counsel: Quinn Emanuel Urquhart & Sullivan LLP, Wilson Sonsini Goodrich & Rosati
  Nature of Suit: Patent
- **Cryptocurrency Pre-Litigation Investigation (Confidential Defendant)** | May 2022
  Jurisdiction: U.S. Department of Justice (DOJ)
  Counsel: Todd & Weld LLP
  Nature of Suit: Cryptocurrency, Blockchain, Smart-Contracts

- **ReactX v. Google** | Apr 2022–July 2025
  Jurisdiction: Superior Court of California, County of Los Angeles, Central District
  Case Number: 18STCV09674
  Counsel: Cohen Milstein Sellers & Toll PLLC
  Nature of Suit: Trade Secret
- **Express Mobile v. Microsoft** | Sept 2021–Oct 2023
  Jurisdiction: U.S. District Court for the Northern District of California
  Case Number: 3:20-cv-06152
  Counsel: Feinberg Day Kramer Alberti Lim Tonkovich & Belloli LLP
  Nature of Suit: Patent
- **Centripetal v. Palo Alto Networks** | Aug 2021–Dec 2023
  Jurisdiction: U.S. District Court for the Eastern District of Virginia
  Case Number: 2:21-cv-00137-AWA-RJK
  Counsel: Kramer Levin Naftalis & Frankel LLP
  Nature of Suit: Patent

Technical Due Diligence & Audits

- **Ality LLC** | Technical Analysis | June 2026
  Technology: SaaS, FinTech
- **Schneider Electric Industries SAS** | Technical Review | May 2026
  Technology: Solar Energy Management, IoT Monitoring, Edge Devices
- **Wa'ed Ventures** | Startup M&A | May 2026
  Technology: AI Cyber Security, Datacenter Infrastructure Management
- **Goodwin Procter LLP** | Technical Review | May 2026
  Technology: AI Digital Health Platform
- **Wa'ed Ventures** | Startup M&A | Apr 2026
  Technology: AI/ILM, AIware, AI Hardware Infrastructure, GPU
- **Valsoft Corporation** | SaaS | Mar 2026
  Technology: AI-enabled Cloud and Infrastructure Management
- **Valsoft Corporation** | SaaS | Feb 2026
  Technology: Datacenter Management Solution
- **Storage Asset Manager** | Technical Review | Jan 2026
  Technology: Robotic Process Management
- **Wa'ed Ventures** | Startup Investment | Oct 2025
  Technology: Artificial Speech, Deepfake Voice / Video Detection.
- **Wa'ed Ventures** | Startup M&A | May 2025
  Technology: AI/ML, Portfolio/Asset Management Platform, SaaS.
- **Schneider Electric Industries SAS** | Technical Review | Apr 2025
  Technology: AI/ML Predictive Analysis, Smart Home IoT, SaaS.
- **Lenskart Solutions** | Startup M&A | Apr 2025
  Technology: Extended Reality (XR), Augmented Reality (AR), Mixed Reality (MR).

- **NAES** | Startup M&A | Apr 2025
  Technology: AI, Predictive Analysis, Robotic Processes. Operation Support Systems.
- **Doosan Bobcat** | Licensing, Joint Venture | Dec 2024
  Technology: Autonomous Vehicles.
- **Schneider Electric Industries SAS** | Technical Review | Oct 2024
  Technology: Home Energy Management, IoT Monitoring, Smart Energy Automation
- **Schneider Electric Industries SAS** | Technical Review | Sept 2024
  Technology: Home IoT, SaaS
- **Genpact** | M&A | May 2023
  Technology: AI/ML, Predictive Analysis
- **Lionard PTE Ltd, Singapore** | Startup M&A | April 2022
  Technologies: Blockchain, Content
- **Tenex Capital Management** | Startup M&A | Mar 2022
  Technologies: B2B2C, Employee Wellness
- **Setana Energy Group** | Startup M&A | Dec 2021
  Technologies: On-line shopping
- **Schneider Electric** | Startup M&A | Dec 2021
  Technologies: SaaS, Electric Vehicle
- **Schneider Electric** | Startup Investment | Nov 2021
  Technologies: SaaS, Energy
- **Schneider Electric** | Startup M&A | Nov 2021
  Technologies: Lead Generation, Energy
- **Tenex Capital Management** | Startup M&A | Nov 2021
  Technologies: Lead Generation, Solar

Media & Publicity

- CNET | Mar 14, 2025
  This New TI Microcontroller Is the Size of a Black Pepper Flake

Publications

- William Luk | 2015
  Internet of Things / Internet of Sensor Data
- William Luk | CA ERWorld 2012 | 2012
  A Unified Data Modeler in the World of Big Data
- William Luk | YouSendIt, Inc | 2010
  Data Migration and Collaboration in the Cloud

Certifications

- **Scrum Alliance**
  Certified Scrum Product Owner (CSPO)
  Certified Scrum Master (CSM)

Skills

Technical: C, C++, Python, JavaScript, PHP, Java, SQL, MySQL, MongoDB, PostgreSQL, HBase, GraphDB, GraphQL, React-Native, TCP/IP, RTOS (VxWorks), Network Security, hardware appliances

Tools: AWS, Ubuntu, iOS, Node, Docker, Git, GitHub, Hadoop, Hive, Jira, IBM RTC, VersionOne

Management: Full software lifecycle, Global engineering teams, Offshore / contract engineering teams, Agile product delivery (engineering & product management), Leadership coaching / development, Executive level communications / presentation, Customer requirements and relationship building