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Curriculum Vitae

Tyler White, P.E.

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BACKGROUND

Mr. White is a Mechanical Engineer who investigates cases involving a variety of forensic engineering issues. He has worked more than 600 accident reconstructions, with cases including automobiles, trucks, tractor-trailers, motorcycles, pedestrians, bicycles, and various machinery and products. He is experienced in documentation and evidence preservation through cutting edge technologies such as FARO scanners, Bosch CDR tools, and small unmanned aircraft systems. Mr. White holds an advanced certification in Temporary Traffic Control (TTC) through FDOT and provides evaluations on collisions and incidents that occur in construction work zones and involve maintenance of traffic (MOT). He also provides analysis on topics such as roadside safety, mechanical systems and product failures, and ANSI and ASTM standards. Mr. White is a graduate of Florida State University and is a licensed Professional Engineer in multiple states.

AREAS OF EXPERTISE

- Automobile and Tractor-Trailer Collisions
- Bicycle, Motorcycle, and Pedestrian Accidents
- Guardrails, Roadside Safety and Construction Zones
- Black Box and ECM Downloads and Analysis
- Product and Machinery Failure Analysis
- Maintenance of Traffic (MOT) Evaluation
- Restraint System Analysis
- Digital Video Analysis

PROFESSIONAL LICENSES & CERTIFICATIONS

- Licensed Professional Engineer, Florida, #99267
- Licensed Professional Engineer, Alabama, #PE55614
- Licensed Professional Engineer, Georgia, #PE053953
- Licensed Professional Engineer, South Carolina, #43994
- Licensed Professional Engineer, Texas, #156935
- FDOT Advanced Temporary Traffic Control
- IMSA Work Zone Temporary Traffic Control Technician
- FAA Remote Pilot Certification, #4432110

EDUCATION

- B.S., Mechanical Engineering, Specialization: Thermal Fluid Systems, Florida State University, Tallahassee, FL, 2020

PROFESSIONAL EXPERIENCE

2019 – Present | Quality Forensic Engineering, LLC

| Mechanical Engineer – 2020 to present, Tampa, FL & Tallahassee, FL

| Engineering Intern – 2019 to 2020, Tallahassee, FL

2018 – 2019 | BEC Consulting, LLC | Engineering Intern, Tallahassee, FL

NOTABLE PROJECTS

Mr. White has been the project lead on, or assisted with, a large number of forensic engineering projects, including the following representative subjects:

- Vehicular accident reconstruction
- Tractor-trailer accident reconstruction
- Bicycle accident reconstruction
- Motorcycle accident reconstruction
- Pedestrian accident reconstruction
- Roadside safety device application and evaluation
- Construction work zone incidents
- Vehicle electronic data acquisition and analysis
- Accident video analysis
- Product design and product failure analysis and testing
- Maintenance of Traffic (MOT) and Temporary Traffic Control (TTC) related incidents
- Restraint system and evidence analysis
- Vehicle dynamics
- Mechanical design and failure evaluation
- Traffic signal sequence evaluation
- Unmanned aerial vehicle imaging and analysis
- 3D scan data collection and analysis

PROFESSIONAL ASSOCIATIONS

- American Society of Mechanical Engineers (ASME)
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- National Society of Professional Engineers (NSPE)
- National Safety Council (NSC)
- International Municipal Signal Association (IMSA)

COURSEWORK/CONTINUING EDUCATION

March 2026 | “Temporary Traffic Control Training for Designers,” by Florida Department of Transportation

March 2026 | “Traffic Signal 101/102 Training,” by Florida Department of Transportation

December 2025 | "Tractor-Trailer Collision Reconstruction/Technology," Brian A. Darr, P.E., B.S.M.E., IAAI-FIT(V), NAFI-CFEI, Quality Forensic Engineering, LLC

December 2025 | "Engineering Roundtable Seminar," Quality Forensic Engineering, LLC

December 2025 | "Advanced Analysis of EDR," Jodie E. Immell, B.S.M.E., ACTAR, Quality Forensic Engineering, LLC

September 2025 | "Slips and Falls: Walk This Way," Ian M. Zeller, Ph.D., P.E., ACTAR, Quality Forensic Engineering, LLC

August 2025 | "Work Zone Access-Egress," by American Road and Transportation Builders Association

August 2025 | "Internal Traffic Control Plans," by American Road and Transportation Builders Association

August 2025 | "Improving Large Truck Safety in Work Zones," by American Road and Transportation Builders Association

July 2025 | "Tractor-Trailer Collision Reconstruction Technology," Sean P. Vozza, E.I., BSME, Quality Forensic Engineering, LLC

June 2025 | "Comparing Perception Response times to Average Drivers in Automobile Crashes," Jodie Immell, BSME, ACTAR, Quality Forensic Engineering, LLC

July 2025 | "Bosch CDR Tool Technician Training," by Institute of Police Technology and Management, University of North Florida

July 2025 | "IMSA Work Zone Temporary Traffic Control," by About Phase Academy LLC

July 2025 | "The Case for Crash-Tested Hardware Webinar," by International Road Federation (IRF Global)

April 2025 | "Pedestrian/Bicycle Crash Investigation – Level I," by Institute of Police Technology and Management, University of North Florida

April 2025 | "Forensic Evaluation of Slip, Trip, and Fall Events," Tracy K. Campbell, P.E., CFSE, CXLT, Quality Forensic Engineering, LLC

December 2024 | "Motorcycle Collision Reconstruction," by Louis R. Peck, P.E., Lightpoint Learning

October 2024 | "Engineering Roundtable Seminar," Quality Forensic Engineering, LLC

October 2024 | "Product Liability," Brian Pfeifer, Ph.D., P.E., Quality Forensic Engineering, LLC

June 2024 | "Tire Basics & Tire Failure Evaluation," by Brian A. Darr, P.E., Quality Forensic Engineering, LLC

May 2024 | "Motor Vehicle Accident Biomechanics and the Daubert Standard," by Ian Zeller, Ph.D., Quality Forensic Engineering, LLC

January 2024 | “FDOT Approved Temporary Traffic Control (TTC): Advanced Course” by A&SW Consultants, Inc, Stanford, FL

May 2023 | “Heavy Vehicle Forensic Mechanical Inspection,” Northwestern University Center for Public Safety, Rockford, IL

April 2023 | “Bicycle and Electric Bicycle Performance” by Roman Beck, World Reconstruction Exposition, Orlando, FL

April 2023 | “Methods for Establishing Motorcycle Impact Speed” by Louis Peck, World Reconstruction Exposition, Orlando, FL

April 2023 | “The Importance of Tires in Accident Investigation (Passenger/LT)” by T.J. Tennent, World Reconstruction Exposition, Orlando, FL

April 2023 | “Heavy Vehicle Side and Rear Underride Speed Analysis” by Scott Skinner, World Reconstruction Exposition, Orlando, FL

April 2023 | “The Forgotten Force – Motorcycle-to-Auto Side Impact Modeling” by Dr. Andre Doria, World Reconstruction Exposition, Orlando, FL

April 2023 | “EDR Accuracy of Modern Vehicles” by Rick Ruth, World Reconstruction Exposition, Orlando, FL

April 2023 | “The Importance of Tires in Accident Investigation (Commercial)” by T.J. Tennent, World Reconstruction Exposition, Orlando, FL

April 2023 | “Underride Reconstruction, Reporting, and Regulations” by Aaron Kiefer, World Reconstruction Exposition, Orlando, FL

April 2023 | “Next Generation GM ACM EDRs / ASCMs / Front Camera Module EDRs” by Don Floyd, World Reconstruction Exposition, Orlando, FL

April 2023 | “Video Analysis in Collision Reconstruction” by Ben Molnar, World Reconstruction Exposition, Orlando, FL

April 2023 | “Crash Testing,” World Reconstruction Exposition, Orlando, FL

October 2022 | “Traffic Control Coordinator Program” Rutgers Center for Advanced Infrastructure and Transportation, Piscataway, NJ

October 2022 | Recertification Training and Testing for FAA Part 107 Remote Aircraft Pilot Licensing

June 2022 | “Mock Trial” by Brian G. Pfeifer, Ph.D., P.E., Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | “Technology & Accident Reconstruction” by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | “Tractor-Trailer Collision Reconstruction” by Brian G. Pfeifer, Ph.D., P.E., Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | "Pedestrian & Bicycle Accident Reconstruction" by Brian G. Pfeifer, Ph.D., P.E., Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | "Accident Reconstruction 101" by Brian G. Pfeifer, Ph.D., P.E., Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | "Slips, Trips & Falls: Awareness and Avoidance" by Traci K. Campbell, Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | "Fieldwork Safety Procedures" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

May 2022 | "Cyber Security Training" by Brian Rode, Premiere Computer Solutions, Tallahassee, FL

December 2021 | "Download and Analysis Techniques for Hyundai and Kia Vehicles" and "Engine Control Modules" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

July & October 2021 | "Photogrammetry Techniques and Procedures" by Patrick D. Weber, Quality Forensic Engineering, LLC, Tallahassee, FL

July 2021 | "Fieldwork Safety Procedures" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

June 2021 | "Cyber Security Training" by Brian Rode, Premiere Computer Solutions, Tallahassee, FL

April 2021 | "Operator Safety Training - Sit-down Counter Balance Forklifts," Ring Power Lift Trucks, Jacksonville, FL

March 2021 | "Traffic Crash Reconstruction II," Northwestern University Center for Public Safety, Evanston, IL

September 2020 | Training Course for Preparation to the FAA Part 107 Exam for Certification as a Remote Aircraft Pilot

August 2020 | "Traffic Crash Reconstruction I," Northwestern University Center for Public Safety, Evanston, IL

July 2020 | "Tractor-Trailer Inspection Training 101," by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

July 2020 | "Berla iVe Overview" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

February 2020 | "Fundamentals of CDR Downloads" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

February 2020 | "ACM Repowering Rig and the CDR900" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

February 2020 | "Fieldwork Safety Procedures" by Christian A. Yates, Quality Forensic Engineering, LLC, Tallahassee, FL

December 2019 | “Mechanical Systems II,” Florida State University, Tallahassee, FL

August 2019 | “Dynamic Systems II,” Villanova University, Villanova, PA

May 2019 | “Mechanical Systems I,” Florida State University, Tallahassee, FL

May 2019 | “Engineering Design Methods,” Florida State University, Tallahassee, FL

December 2018 | “Dynamics Systems I,” Florida State University, Tallahassee, FL

PRESENTATIONS

“Maintenance of Traffic and Work Zones – CLE Zoom Presentation,” Alabama Defense Lawyers Association, April 2025

“Maintenance of Traffic and Work Zones – CLE Zoom Presentation,” Treasure Coast Justice Association, September 2024

“Maintenance of Traffic and Work Zones – CLE Zoom Presentation,” Palm Beach County Justice Association, June 2024

“Maintenance of Traffic and Work Zones – CLE Zoom Presentation,” Northwest Florida Paralegal Association, June 2024

“Maintenance of Traffic and Work Zones,” Quality Forensic Engineering, LLC, June 2024

March 13, 2026