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## **JEREMY HUNTER, M.S.M.E, P.E**

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**Education** Master of Science, Mechanical Engineering, December 2009  
University of Alabama, Tuscaloosa, Alabama

Bachelor of Science, Mechanical Engineering, May 2004  
University of Alabama, Tuscaloosa, Alabama

University of South Alabama, Mobile, Alabama  
Music-Fine Arts Courses (1997-1999)

**Registration** Licensed Professional Engineer, Alabama, #30055

**Experience** 2012-Present, 3 Axis Engineering, LLC, Tuscaloosa, Alabama

2004-2011, Engineer, Doughty & Powers Engineering, LLC, Tuscaloosa, Alabama

- Assisted in reconstruction of over 400 accidents involving automobiles, motorcycles, commercial vehicles, and trains
- Presented engineering work to attorneys and other clients
- Developed presentations for deposition and trial testimony
- Performed vehicle and site inspections including commercial vehicles for out-of-service conditions
- Downloaded passenger and commercial event data recorders
- Developed simulations of vehicle collisions and handling maneuvers
- Reconstructed evidence using computer and field photogrammetry techniques
- Created 3-Dimensional models of accident sites, and vehicles
- Used various software in the reconstruction and analysis of collisions and vehicle handling
- Developed wireless elevated photography system for use in reconstructions, simulations, and animations
- Designed, instrumented, performed and analyzed vehicle crash tests

**Internship** (Summer-Fall 2003)

Carlisle Engineered Products, Tuscaloosa, Al - Tier II automotive supplier

- Developed and implemented returnable packaging for HVAC product line
- Developed control systems for injection molding presses
- Maintained database for injection processes

**Co-op Position, Systems Engineering Department** (Spring 2000, Fall 2000)

Southern Company, Southern Nuclear Division

Plant Hatch, Baxley, Georgia Assisted engineers with preventive maintenance and outage planning

- Certified for nuclear fuel rod inspection
- Assisted with logic testing of reactor safety systems

## **Continuing Education**

- EDC Simulations Training Course, Northridge, CA; 2005
- HVE Forum, Miami, FL; 2005
- EDC Reconstruction Training Course, Northridge, CA; 2006
- HVE Forum, Phoenix, AZ; 2006
- PhotoModeler Collision Reconstruction Course, Denver, CO; 2006
- Bosch Crash Data Retrieval (CDR) Technician Course, Tuscaloosa, AL; 2008
- Detroit Diesel DDDL Software Training at WW Williams, Birmingham, AL; 2009
- HVE Forum, San Antonio, TX; 2010
- SAE Vehicle Accident Reconstruction Methods, Troy, MI; 2010
- SAE Accessing and Interpreting Heavy Vehicle Event Data Recorders, Los Angeles, CA; 2010
- Bosch Crash Data Retrieval (CDR) Technician Course Level I and II, Tuscaloosa, AL; 2011
- Advanced Collision Reconstruction with CDR Applications at the Ontario Police College, Aylmer, Ontario, Canada; 2011
- SCARS Conference - setup and instrument testing, present simulation and reconstruction results based on crash tests, Charleston, SC; 2012
- Crash Data Specialists Crash Data Retrieval (CDR) System Operators Course, Hattiesburg, MS; 2012
- Crash Data Specialists Crash Data Retrieval (CDR) Analysis and Applications Course, Hattiesburg, MS; 2012
- Advanced Crash Reconstruction Utilizing Human Factors, Northwestern University Center for Public Safety; 2013
- SCARS Conference - setup and instrument testing, present simulation and reconstruction results based on crash tests, Charleston, SC; 2013
- SCARS Conference - setup and instrument testing, present simulation and reconstruction results based on crash tests, Charleston, SC; 2014
- FARO Focus 3D Scanner Certification, Tuscaloosa, AL; 2014
- FARO 3D Documentation Conference, Orlando, FL; 2014
- HVE Forum, Austin, TX; 2015

## **Awards, Honors, Memberships**

- Pi Tau Sigma Mechanical Engineering Honor Society
- Society of Automotive Engineers
- American Society of Mechanical Engineers
- Alpha Theta Chi, Freshmen Honor Society
- Department of Music Scholarship (University of South Alabama)