Shannon Wilson, B.S., P.E.

Associate Engineer

Principia Engineering, Inc.
1917 Oak Park Boulevard
Pleasant Hill, Ca 94523
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Experience

Ms. Shannon Wilson is a Mechanical Engineer with Principia. She works predominantly on vehicular accident reconstruction, mechanical and structural failure analysis and product liability analysis. She is involved in digital data acquisition for measurement and analysis of acceleration and vehicle speed, production of final written report, and expert witness testimony.

Prior to working at Principia, Ms. Wilson was an engineer at J2 Engineering, Inc as a consultant for accident reconstruction. Prior to that Ms. Wilson worked as an Application Engineer at Servi-Tech Controls, Inc involving the programming and installation of HVAC control systems in commercial and industrial environments.

Education and Credentials

- BS Mechanical Engineering, California State University, Fresno
- Registered Professional Mechanical Engineering, 2020 California, #M40187

Continuing Education

- Crash Data Retrieval Summit, Houston, TX 2018
- Society of Forensic Engineers and Scientists, Yosemite, CA 2018
- Crash Data Retrieval Summit, Houston, TX March 2019
- Society of Forensic Engineers and Scientists, Healdsburg, CA April 2019,
- SAE Applied Vehicle Dynamics, Greer, SC, May 2019
- Society of Forensic Engineers and Scientists, Yosemite, CA. 2020
- Crash Data Retrieval Summit, Houston, TX, March 2020

Presentations

Wilson, S., Flynn JE, Harper S and Priester J. "Comparison Measurement of Error Between 3D Laser Scanning, Total Station Survey, And Photogrammetry using Photomodeler ®." 2016 Proceedings of the Annual Meeting of the American Academy of Forensic Sciences.

Wilson, S. " Accident Reconstruction with Uncommon Vehicles" 2019 Spring Proceedings of the Society of Forensic Engineers and Scientists

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