

Mr. Tyler Clark is a mechanical engineer and staff consultant with ESi in the Aurora, Illinois office. He has a Bachelor of Science in Mechanical Engineering from the University of Illinois Chicago.

His principal areas of professional activity include the investigation and reconstruction of accidents involving recreational, passenger, and heavy/commercial vehicles. He also has experience in evaluating advanced driver assist system (ADAS) technologies and participated in the design and construction of a device used to test ADAS functionality in accordance with established industry standards.

Education

BS, Mechanical Engineering. University of Illinois Chicago. 2026

Positions Held

Engineering Systems Inc., Aurora, Illinois

- Staff Consultant, 2026—Present
- Intern, 2024—2025

Professional Affiliations

Society of Automotive Engineers

American Society of Mechanical Engineers

Certifications

Bosch CDR Tool Technician Training - University of North Florida Institute for Police Technology and Management (IPTM), Aurora, IL, 2026

Project Experience

Investigations

Automotive – Accident Investigation and Reconstruction

- Identification and documentation of accident site physical evidence and dimensions.

Contact Information

tclark@engsys.com

(630) 851-4566

ESi Aurora

4215 Campus Driver
Aurora, IL 60504

Areas of Specialization

- Mechanical Engineering
- Accident Investigation
- Accident Reconstruction
- Automotive
- Engineering Dynamics & Testing
- Instrumentation & Data Acquisition
- Advanced Driver Assist System (ADAS) testing and evaluation

- Identification and documentation of physical evidence on subject vehicles including vehicles involved in fires. Vehicles involve passenger, commercial/heavy vehicles, and recreational.
- Identification and documentation of exemplar vehicles dimensions.
- Data acquisition and analysis including controller area network (CAN) bus data, GPS, and accelerometer instrumentation.
- Application of photogrammetric tools for reconstruction.
- Crash reconstruction software applications.

Vehicle Testing

- Instrumented vehicle dynamic testing.

ADAS compliance and accident scenario evaluations.

Presentations

"Vehicle ADAS Target Research." T. Clark, ESi Automotive Face-to-Face Event, August 26–27, 2025.