LULANI A. ORTEGA-KERLEY

Accident Technician

Accident Reconstruction Support | Scene & Vehicle Documentation | Drone Mapping
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PROFESSIONAL PROFILE

Accident Technician with Kerley Reconstruction LLC supporting accident reconstruction investigations, vehicle and scene documentation, drone-assisted mapping, and technical case preparation for legal and investigative matters. Lulani has assisted with accident reconstruction since January 2024 and is developing a technical foundation through Basic Collision Investigations training and planned mechanical engineering studies at National Park College.

Her role includes documenting and describing collision photographs, mapping scenes with remote drones, documenting collision-involved vehicles, collecting roadway and vehicle evidence, and supporting reconstructionists with organized case materials. Her work also includes ARPro, Pix4D, and FARO Crash Zone workflow support for mapping outputs, 3D model/simulation materials, and review of collision photographs, witness statements, and vehicle performance information.

CORE EXPERTISE

- **Accident Reconstruction Support:** scene analysis support, vehicle inspections, data gathering, collision sequence documentation, and case preparation
- **Scene & Vehicle Evidence Documentation:** structured photographs, photo descriptions, vehicle damage observations, roadway conditions, debris, vehicle positions, and measurement notes
- **Drone Mapping & 3D Modeling Support:** remote drone scene mapping, Pix4D support, spatial documentation, and 3D model/simulation support
- **Technical Software & Tools:** ARPro, Pix4D, FARO Crash Zone, mapping outputs, evidence organization, and simulation-support materials
- **Case Review & Evidence Analysis:** collision photographs, witness statements, vehicle performance information, roadway evidence, vehicle evidence, and data organization
- **Education & Technical Development:** Basic Collision Investigations training and planned mechanical engineering studies

CERTIFICATIONS, TRAINING, AND TECHNICAL DEVELOPMENT

Accident Investigation Training	Basic Collision Investigations | February 21, 2025
Technical Tools / Scene Documentation	Remote drone mapping support; ARPro, Pix4D, and FARO Crash Zone workflow support; 3D model and simulation-support materials

PROFESSIONAL EXPERIENCE

KERLEY RECONSTRUCTION LLC — 2024-Present

Accident Technician

- Support accident reconstruction investigations and technical case preparation by assisting with scene analysis, vehicle inspections, roadway evidence documentation, and collision-related data gathering.
- Document and describe photographs taken during inspections and collision-scene reviews, including vehicle positions, vehicle damage, roadway conditions, debris fields, skid/tire marks, and other physical evidence.
- Assist with remote drone mapping and photogrammetry workflows to support scene documentation, spatial analysis, 3D modeling, and demonstrative reconstruction materials.

- Use and support technical software workflows including ARPro, Pix4D, and FARO Crash Zone to organize scene data, develop mapping outputs, and support crash scenario/simulation review.
- Collect, interpret, and organize collision-related data from photographs, witness statements, vehicle information, roadway evidence, and inspection materials for reconstructionist review.
- Assist senior technicians and reconstructionists with vehicle/scene inspections, measurements, damage documentation, and case-file organization for legal and investigative matters.
- Prepare technical support materials, evidence summaries, photo logs, and report-support documentation to help present collision findings in a clear, organized, and defensible manner.

EDUCATION

Lakeside High School	Hot Springs, Arkansas
National Park College	Planned mechanical engineering studies

RELEVANT TRAINING, CERTIFICATIONS, AND CONTINUING EDUCATION

Course / Area	**Date / Experience**
Basic Collision Investigations	February 21, 2025
Remote Drone Mapping / Scene Documentation Support	2024-Present
ARPro / Pix4D / FARO Crash Zone Workflow Support	2024-Present