

# Jordan “Jay” A. Mumper

## Staff Consultant



Jordan Mumper is a Staff Consultant for Engineering Systems Inc. (ESi) in the Fire & Explosions practice group. Prior to joining ESi, he worked as a C230 Cyclotron Engineer and was involved in projects centered around cyclotron subsystems and power monitoring systems. He performed failure analysis and troubleshooting of several systems to include, cooling & vacuum systems, high & low voltage units, Forte Automation robotics, Sedecal x-ray generators & flat panel imagining systems. He has experience in failure analysis, 3-D modeling, and origin & cause investigation for fire and accidents.

### Education

B.S., Electrical Engineering, California State University, Northridge (CSUN), Los Angeles. 2020

### Licenses & Certifications

- Remote Pilot/Small Unmanned Aircraft System

### Positions Held

#### **Engineering Systems Inc., Dallas, Texas**

- Staff Consultant, 2025 – Present

#### **Ion Beam Applications, Inc., Oklahoma City, Oklahoma**

- C230 Cyclotron Engineer, 2021 – 2025

#### **Larry Rohrer Investigations, Inc., Valencia, California**

- Forensic Electrical Engineer, 2013 - 2021

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### ESi Denver

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### Areas of Specialization

- Fire & Explosions
- Electrical and Gas Appliances and Utilities
- Fire Dynamics, Growth and Spread
- Smoke, Heat, and Gas Dispersion
- Residential Fires and Explosions
- Fire Protection System Failures
- Fire Origin and Cause Analysis
- Valves, Fitting, Regulators, and Piping
- Maintenance and Operating Procedures