Daniel Riser, BSc

3D Modeling - Data Processing - Analysis

Daniel Riser brings over a decade of expertise in 3D modeling, data acquisition, and data processing across high-precision fields such as flight test, simulation, and manufacturing. With advanced skills in MATLAB and SolidWorks, Daniel also ensures meticulous test planning. His career spans roles at L3Harris, the Naval Air Weapons Center, and leadership in Tomahawk flight testing and project engineering.

Educated in Aerospace Engineering at California Polytechnic State University, Daniel also holds specialized training from the United States Naval Test Pilot School. Beyond his technical achievements, Daniel's passion for high-performance motorcycles drives his expertise in engine builds, electronics, and data analysis.

Key Highlight: Combines advanced capabilities in MATLAB, SolidWorks, and data processing for 3D modeling with meticulous test planning and data security.

Professional Experience:

- **Norhtrop Grumman**
    - ○ Sr Principal Engineer, System Integration and Test
    - ○ Led joint efforts across multiple teams and systems to integrate new technology
- **L3Harris**
    - Senior Specialist, Manufacturing Engineer
    - Ensured top-level data security and comprehensive test planning.
- **Naval Air Weapons Center**
    - Data Analyst/Simulation Engineer
    - Conducted precise data analysis and simulation.
    - Tomahawk Flight Test Lead/Mission Test Director
    - Led and directed complex flight test missions.
- **Pacific Hydraulic Systems**
    - Project Engineer
    - Managed engineering projects with a focus on precision and reliability.

Educational Background:

- **Bachelor of Science in Aerospace Engineering, California Polytechnic State University, Pomona, CA**
- **Test Pilot Short Course, United States Naval Test Pilot School, China Lake, CA**

Personal Interests: Passionate about high-performance motorcycles, Daniel builds and races them, specializing in engine builds, electronics, data analysis, suspension, chassis setup, and troubleshooting.

Why Daniel Riser? Daniel's extensive background in high-stakes engineering environments and commitment to precision make him an asset for 3D modeling and data acquisition and processing. His ability to integrate advanced technical skills with practical applications ensures accurate, detailed, and reliable work product.