

# LIAM ANDERSON

## Instrumentation Designer

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### PROFESSIONAL SUMMARY

Accomplished Instrumentation Designer with 7 years of experience specializing in the development of intricate control systems and instrumentation layouts. Proficient in AutoCAD and SmartPlant, I excel in producing detailed design documentation while collaborating with cross-functional teams to achieve project objectives. My focus on innovation drives efficient solutions that consistently align with industry standards.

### WORK EXPERIENCE

Instrumentation Designer Mar / 2021-Ongoing  
Pineapple Enterprises Santa Monica, CA

- 1. Ensured compliance with design criteria and project specifications, enhancing overall quality.
- 2. Developed comprehensive control system layouts and instrumentation diagrams for various projects.
- 3. Collaborated with multidisciplinary teams to align on project deliverables and timelines.
- 4. Ensure compliance with environmental and safety regulations.
- 5. Created detailed S3D models and conceptual layouts for structural support systems.
- 6. Produced both conceptual and detailed design drawings for instrumentation installations.
- 7. Generated civil drawings for site construction activities, ensuring adherence to project plans.

Instrumentation Designer Mar / 2018-Mar / 2021  
Summit Peak Industries Denver, CO

- 1. Tracked project manhours and reported progress to stakeholders for transparency.
- 2. Developed wiring diagrams, plot plans, and termination schedules to support installation.
- 3. Collaborated with P&ID teams to ensure alignment between designs and operational needs.
- 4. Created schematic wiring layouts for instrumentation systems to enhance clarity.
- 5. Produced cabinet fabrication layout drawings for equipment housing.

### EDUCATION

Bachelor of Science in Electrical Engineering Mar / 2015 - Mar / 2018  
University of California Phoenix, AZ

Gained foundational knowledge in electrical systems and instrumentation design.

### SKILLS



### INTERESTS

- Home Brewing Wildlife Conservation
- Running Public Speaking

### STRENGTHS



### LANGUAGES



### ACHIEVEMENTS

- Successfully streamlined control system designs, improving efficiency by 15%.
- Led the development of instrumentation layouts for a \$5M project, achieving project completion ahead of schedule.