



MICHAEL ANDERSON

LEAD ELECTRICAL ENGINEER

PROFILE

Results-driven Manufacturing Electrical Engineer with over 10 years of experience in the aerospace industry. Expertise in electrical design, testing, and validation of complex systems used in aircraft manufacturing. Skilled in using cutting-edge tools and methodologies to streamline production processes and enhance product quality. Adept at conducting failure analysis and implementing corrective actions to mitigate risks associated with electrical failures.

EXPERIENCE

LEAD ELECTRICAL ENGINEER

AeroDynamics Corp

2016 - Present

- Led a team of engineers in the design of electrical systems for commercial aircraft.
- Implemented rigorous testing protocols that improved product reliability by 25%.
- Developed and maintained electrical schematics for multiple aircraft models.
- Managed supplier relationships to ensure timely delivery of electrical components.
- Conducted training sessions on electrical safety and compliance for engineering staff.
- Streamlined wiring processes, resulting in a 15% reduction in assembly time.

ELECTRICAL ENGINEER

SkyHigh Engineering

2014 - 2016

- Designed and tested electrical systems for unmanned aerial vehicles.
- Collaborated with software engineers to integrate flight control systems.
- Performed electrical inspections to ensure compliance with FAA regulations.
- Assisted in troubleshooting electrical issues during flight tests.
- Created detailed documentation for electrical procedures and standards.
- Participated in cross-departmental projects to enhance product development.

CONTACT

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- San Francisco, CA

SKILLS

- Electrical design
- Testing and validation
- Project leadership
- Regulatory compliance
- Risk management
- Cross-functional collaboration

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING, CALIFORNIA INSTITUTE OF TECHNOLOGY, 2012

ACHIEVEMENTS

- Received the 'Excellence in Engineering' award in 2019.
- Led a project that decreased production costs by \$1 million annually.
- Authored a patent for an innovative electrical system used in aerospace applications.