



MICHAEL ANDERSON

Senior Electrical Engineer

Innovative Electrical Project Engineer with a rich background in aerospace engineering and avionics systems. Over 10 years of experience in developing and implementing electrical solutions for aircraft systems, ensuring adherence to rigorous safety and regulatory standards. My expertise encompasses project lifecycle management, from initial design through testing and certification. I am highly skilled in collaborating with cross-functional teams, conducting risk assessments, and ensuring compliance with FAA regulations.

CONTACT

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- San Francisco, CA

EDUCATION

Bachelor of Science in Electrical Engineering

Aerospace University
2010

SKILLS

- Avionics
- Project Management
- Compliance
- Risk Assessment
- Team Collaboration
- Technical Documentation

LANGUAGES

- English
- Spanish
- French

WORK EXPERIENCE

Senior Electrical Engineer 2020-2023

AeroSystems Corp

- Led the design and implementation of electrical avionics systems for commercial aircraft, improving system reliability by 25%.
- Managed a team of engineers to execute project deliverables within budget and schedule constraints.
- Conducted testing and validation of electrical systems to meet FAA certification requirements.
- Developed project plans and timelines, maintaining clear communication with stakeholders.
- Performed risk assessments to identify potential issues and implement mitigation strategies.
- Provided technical guidance and mentorship to junior engineers and interns.

Electrical Project Engineer 2019-2020

FlightTech Inc.

- Assisted in the development of electrical systems for unmanned aerial vehicles (UAVs).
- Collaborated with design teams to integrate electrical components into aircraft designs.
- Conducted performance testing on electrical systems to ensure compliance with specifications.
- Engaged in troubleshooting and repair of electrical failures in prototype systems.
- Maintained comprehensive documentation for all engineering processes and changes.
- Participated in safety audits and compliance checks for ongoing projects.

ACHIEVEMENTS

- Successfully led a project that received FAA approval for a new avionics system.
- Recognized for outstanding contributions to safety improvements in aircraft design.
- Achieved a 20% reduction in project costs through strategic resource management.