MICHAEL ANDERSON

Avionics Systems Architect

CONTACT

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📍 San Francisco, CA

EDUCATION

Master of Science in Electrical Engineering

University of Michigan
2016-2020

SKILLS

- System architecture
- Project management
- Performance analysis
- Team collaboration
- Compliance
- Training and development

LANGUAGES

- English
- Spanish
- French

Strategic Avionics Engineer with a focus on avionics system architecture and integration, possessing over 11 years of experience in the aerospace sector. Expertise in designing and implementing sophisticated avionics architectures that meet the demands of modern aviation. Proven track record of successful project management, from initial concept through to deployment, ensuring adherence to timelines and budgets.

💼 WORK EXPERIENCE

Avionics Systems Architect
2020-2023

Innovative Avionics Solutions

- Designed comprehensive avionics system architectures for commercial aircraft.
- Managed project timelines and coordinated with cross-functional teams.
- Ensured compliance with aviation safety and performance standards.
- Developed integration strategies to enhance system interoperability.
- Conducted system performance analysis to identify optimization opportunities.
- Presented architectural designs to executive stakeholders for approval.

Senior Avionics Engineer
2019-2020

Skyline Aeronautics

- Led the design and integration of avionics systems for military aircraft.
- Developed key performance indicators to assess system capabilities.
- Collaborated with engineering teams to resolve integration challenges.
- Maintained project documentation and provided updates to management.
- Conducted design reviews to ensure quality and compliance.
- Trained junior engineers on best practices in system architecture.

★ ACHIEVEMENTS

- Successfully led a project that reduced system integration costs by 20%.
- Recognized for excellence in avionics design and innovation.
- Published articles on avionics architecture in industry journals.