



Michael

ANDERSON

LEAD MIXED SIGNAL ENGINEER

Results-oriented Mixed Signal Engineer with 9 years of experience in the aerospace industry. My expertise lies in the design and development of mixed-signal systems for avionics applications. I have a solid background in signal processing, control systems, and system integration, which allows me to contribute effectively to complex projects.

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Aerospace Engineering
- Signal Processing
- System Integration
- Compliance Testing
- Project Leadership
- Technical Mentoring

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN AEROSPACE ENGINEERING, GEORGIA INSTITUTE OF TECHNOLOGY

ACHIEVEMENTS

- Led a project that successfully passed FAA certification with zero findings.
- Received the 'Excellence in Engineering' award for innovative design solutions.
- Contributed to a patented technology that enhances aircraft safety systems.

WORK EXPERIENCE

LEAD MIXED SIGNAL ENGINEER

AeroTech Systems

2020 - 2025

- Led the design of mixed-signal systems for avionics, enhancing reliability by 20%.
- Conducted comprehensive system integration testing to ensure compliance with FAA standards.
- Utilized advanced simulation tools to optimize signal processing algorithms.
- Collaborated with hardware and software teams to deliver integrated avionics solutions.
- Mentored junior engineers, promoting skill development and knowledge sharing.
- Presented design concepts to stakeholders, securing project buy-in and funding.

MIXED SIGNAL SYSTEMS ENGINEER

Skyline Avionics

2015 - 2020

- Designed and tested mixed-signal components for avionics applications, improving system performance.
- Performed risk assessments and developed mitigation strategies for complex projects.
- Collaborated with suppliers to ensure component reliability and compliance.
- Conducted failure analysis, leading to design improvements and reduced downtime.
- Maintained thorough documentation to support certification processes.
- Participated in industry conferences to stay updated on technological advancements.