Michael Anderson

EMBEDDED ENGINEER

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Accomplished Embedded Electronics Engineer with a focus on aerospace applications, bringing over 7 years of experience in developing high-reliability embedded systems for avionics. I possess extensive knowledge of aerospace standards and certifications, ensuring that projects meet both safety and performance requirements. My expertise encompasses real-time operating systems, hardware-in-the-loop testing, and system integration.

SKILLS

- Avionics
- Real-Time Operating Systems
- Hardware Testing
- Aerospace Standards
- System Integration
- Performance Analysis

EDUCATION

MASTER OF SCIENCE IN AEROSPACE ENGINEERING, GEORGIA TECH, 2015

LANGUAGE

- English
- Spanish
- German

ACHIEVEMENTS

- Contributed to a project that improved avionics reliability by 35%.
- Recognized for outstanding performance in the development of safety-critical systems.
- Achieved certification on key aerospace industry standards, enhancing project credibility.

EXPERIENCE

EMBEDDED ENGINEER

SkyTech Avionics

2016 - Present

- Designed and developed embedded systems for avionics applications, enhancing flight safety.
- Conducted hardware-in-the-loop testing to validate system performance under real conditions.
- Collaborated with certification teams to ensure compliance with FAA standards.
- Implemented real-time operating systems for critical flight control applications.
- Analyzed system performance data to identify areas for optimization.
- Participated in design reviews to ensure adherence to best practices and standards.

EMBEDDED SYSTEMS TECHNICIAN

Aerospace Solutions Inc.

2014 - 2016

- Assisted in the development of embedded systems for satellite communications.
- Supported integration testing to ensure system interoperability.
- Engaged in troubleshooting and maintenance of existing avionics systems.
- Created technical documentation for system specifications and testing procedures.
- Collaborated with engineers to refine system designs for performance improvements.
- Learned and applied aerospace industry standards in everyday tasks.