# MA

# Michael
## ANDERSON

## EMBEDDED ENGINEER

Detail-oriented Embedded Electrical Engineer with 4 years of experience in aerospace systems, focused on developing reliable embedded solutions for aviation applications. Experienced in working with various aerospace standards and regulations to ensure compliance and safety. Strong analytical skills and a commitment to quality drive my work in creating robust systems that support critical flight operations.

## CONTACT

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- San Francisco, CA

## SKILLS

- Embedded Software Development
- Avionics Systems
- Compliance and Safety
- Testing and Validation
- Simulation Tools
- Technical Documentation

## LANGUAGES

- English
- Spanish
- French

## EDUCATION

**BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, NATIONAL UNIVERSITY, 2016**

## ACHIEVEMENTS

- Contributed to a project that achieved FAA certification for a new UAV system.
- Recognized for outstanding performance in team projects and received 'Rising Star' award.
- Published a technical article on embedded systems in aviation in an industry magazine.

## WORK EXPERIENCE

### EMBEDDED ENGINEER
AeroTech Solutions
2020 - 2025

- Developed embedded software for avionics systems, improving response time by 18%.
- Conducted testing and certification of embedded systems in compliance with aerospace standards.
- Collaborated with system engineers to define requirements and specifications for new products.
- Utilized simulation tools to model and validate system performance under various conditions.
- Documented design processes and maintained quality assurance records.
- Participated in team meetings to provide technical input on project design and implementation.

### JUNIOR EMBEDDED SYSTEMS ENGINEER
Skyward Technologies
2015 - 2020

- Assisted in the development of embedded systems for unmanned aerial vehicles (UAVs).
- Conducted performance testing and validation to ensure systems met flight safety standards.
- Collaborated with cross-functional teams to gather and document system requirements.
- Debugged and resolved embedded software issues, enhancing system reliability.
- Maintained project documentation and contributed to design reviews.
- Trained new team members on embedded systems development processes.