MA

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SKILLS

- Software Development
- Systems Integration
- Testing Methodologies
- Python
- C++
- Technical Documentation

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING, UNIVERSITY OF MICHIGAN

LANGUAGE

- English
- Spanish
- German

ACHIEVEMENTS

- Developed a software solution that reduced processing time by 20%.
- Received the Innovation Award for contributions to UAS avionics.
- Successfully implemented a testing framework that improved testing efficiency.

Michael Anderson

AVIONICS SOFTWARE ENGINEER

Innovative Avionics Systems Engineer with 6 years of experience focused on the development of avionics systems for unmanned aerial systems (UAS). Strong proficiency in software development, systems integration, and testing methodologies. Proven track record of collaborating with cross-functional teams to deliver high-quality avionics solutions that meet operational requirements. Skilled in utilizing simulation tools and programming languages for system analysis and performance evaluation.

EXPERIENCE

AVIONICS SOFTWARE ENGINEER

UAS Innovations

2016 - Present

- Developed software for avionics systems in UAS applications.
- Conducted integration testing to ensure software-hardware compatibility.
- Utilized Python and C++ for system software development.
- Collaborated with hardware engineers to optimize system performance.
- Implemented automated testing procedures to enhance efficiency.
- Documented software specifications and user manuals for end-users.

JUNIOR AVIONICS ENGINEER

DroneTech Solutions

2014 - 2016

- Assisted in the design and testing of avionics systems for drones.
- Participated in system integration and performance assessments.
- Supported documentation efforts for compliance and quality assurance.
- Engaged in troubleshooting and resolving system issues.
- Contributed to design improvements based on test results.
- Collaborated with teams to align project objectives and timelines.