MA

Michael Anderson

EMBEDDED SYSTEMS ENGINEER

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SKILLS

- Embedded Software
- Medical Standards
- Testing & Validation
- Regulatory Compliance
- Team Collaboration
- User Requirements

EDUCATION

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING, UNIVERSITY OF HEALTH SCIENCES, 2015

LANGUAGE

- English
- Spanish
- German

ACHIEVEMENTS

- Recognized with 'Innovative Project Award' for developing a groundbreaking health monitoring device.
- Improved testing efficiency by 30% through process enhancements.
- Contributed to a product that received CE marking for safety compliance.

Detail-oriented Embedded Systems Engineer with 7 years of experience in medical device development. My focus has been on designing and implementing embedded systems that ensure patient safety and improve healthcare outcomes. I possess extensive knowledge of regulatory compliance and quality assurance processes in the medical field. My hands-on experience includes working on life-critical systems where precision and reliability are paramount.

EXPERIENCE

EMBEDDED SYSTEMS ENGINEER

HealthTech Innovations

2016 - Present

- Developed embedded software for wearable health monitoring devices, increasing user engagement by 50%.
- Ensured compliance with FDA regulations throughout the product development lifecycle.
- Collaborated with clinical teams to gather user requirements and validate system functionality.
- Implemented rigorous testing protocols to validate system performance and safety.
- Documented design processes for regulatory submissions and audits.
- Participated in design reviews, contributing to product enhancements and innovations.

JUNIOR EMBEDDED ENGINEER

MedDevices Corp.

2014 - 2016

- Assisted in the development of embedded systems for surgical devices.
- Conducted testing and validation procedures to ensure device reliability and performance.
- Documented system specifications for compliance with industry standards.
- Engaged in troubleshooting activities to resolve issues in prototypes.
- Collaborated with design teams to refine product features based on user feedback.
- Maintained up-to-date knowledge of medical device regulations and best practices.