MA

MICHAEL ANDERSON

LEAD SOFTWARE ENGINEER

CONTACT

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SKILLS

- Functional Safety
- Real-Time Systems
- ISO 26262
- C/C++
- Embedded Development
- Software Testing

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, UNIVERSITY OF CALIFORNIA, BERKELEY, 2012

ACHIEVEMENTS

- Successfully led a project that achieved a 40% reduction in software defects.
- Recognized for developing a software module that enhanced vehicle stability control.
- Contributed to a team that received the 'Best Innovation Award' at an industry conference.

PROFILE

A highly skilled Automotive Software Engineer with extensive experience in software development for vehicle systems, specializing in real-time operating systems and safety-critical software. Expertise in developing software that complies with the ISO 26262 standard for functional safety in automotive applications. Recognized for the ability to innovate and implement advanced software solutions that enhance vehicle performance and safety.

EXPERIENCE

LEAD SOFTWARE ENGINEER

AutoTech Dynamics

2016 - Present

- Directed the development of safety-critical software for automotive systems.
- Ensured compliance with ISO 26262 standards throughout the software lifecycle.
- Collaborated with hardware engineers to design efficient software architectures.
- Implemented advanced debugging techniques to resolve complex issues.
- Mentored junior engineers in best practices for software development.
- Conducted risk assessments and software safety analyses.

SOFTWARE DEVELOPER

Innovative Automotive Solutions

2014 - 2016

- Developed real-time embedded software for vehicle control systems.
- Participated in code reviews and contributed to software design discussions.
- Utilized version control systems for code management.
- Performed unit testing and integration testing for software modules.
- Collaborated with cross-functional teams for system integration.
- Assisted in the documentation of software development processes.