



Michael ANDERSON

SOFTWARE ENGINEER - HYBRID SYSTEMS

CONTACT

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SKILLS

- Software development
- Energy management
- Vehicle control algorithms
- MATLAB
- Debugging
- Technical documentation

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING, UNIVERSITY OF CALIFORNIA, BERKELEY, 2015

ACHIEVEMENTS

- Successfully implemented a software update that improved hybrid vehicle performance by 10%.
- Recognized for outstanding contributions to a cross-functional project team.
- Developed a prototype that was showcased at the national automotive technology conference.

WORK EXPERIENCE

SOFTWARE ENGINEER - HYBRID SYSTEMS

SmartDrive Technologies

2020 - 2025

- Developed software algorithms for optimizing energy distribution in hybrid vehicles.
- Collaborated with hardware engineers to ensure seamless integration of software and vehicle systems.
- Conducted unit testing and debugging of hybrid system software.
- Participated in code reviews to enhance software quality and performance.
- Documented software specifications and user manuals for end-users.
- Presented technical findings to project stakeholders to inform decision-making.

JUNIOR HYBRID SYSTEMS DEVELOPER

AutoTech Solutions

2015 - 2020

- Assisted in the development of energy management software for hybrid vehicles.
- Created simulation models to evaluate vehicle dynamics and energy consumption.
- Provided technical support during vehicle testing phases.
- Contributed to the development of user interfaces for hybrid control systems.
- Participated in team meetings to discuss project progress and challenges.
- Researched emerging technologies to enhance hybrid vehicle software capabilities.