



MICHAEL ANDERSON

Embedded Systems Engineer

Experienced Battery Systems Engineer with a focus on software development and control systems for battery management systems (BMS). Over 6 years of experience in embedded systems design and implementation, specializing in real-time monitoring and control algorithms. Strong background in programming languages such as C and Python, with a proven ability to develop software solutions that enhance battery performance and safety.

CONTACT

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- San Francisco, CA

EDUCATION

Bachelor of Science in Computer Engineering

University of California
San Diego

SKILLS

- Embedded Systems
- Software Development
- Control Algorithms
- Real-Time Monitoring
- C
- Python

LANGUAGES

- English
- Spanish
- French

WORK EXPERIENCE

Embedded Systems Engineer

2020-2023

SmartBattery Technologies

- Developed software for battery management systems to optimize performance.
- Implemented control algorithms for real-time monitoring of battery health.
- Collaborated with hardware engineers to ensure seamless integration.
- Conducted testing and validation of software functionalities.
- Participated in code reviews to maintain high standards of software quality.
- Documented software architecture and design specifications.

Software Engineer

2019-2020

TechBattery Solutions

- Assisted in the development of software tools for battery testing and analysis.
- Utilized programming skills to automate testing processes and data collection.
- Collaborated with product teams to refine software requirements.
- Contributed to troubleshooting and debugging of software issues.
- Prepared technical documentation for software applications.
- Engaged in continuous learning of emerging software technologies.

ACHIEVEMENTS

- Enhanced BMS software efficiency, resulting in a 20% improvement in battery life.
- Recognized as 'Employee of the Year' for outstanding contributions to software development.
- Successfully led a project that automated testing processes, reducing cycle time by 30%.