# MA

# MICHAEL ANDERSON

## EMBEDDED SYSTEMS DEVELOPER

## CONTACT

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- San Francisco, CA

## SKILLS

- IoT Development
- Python
- C
- Wireless Communication
- Firmware Development
- User Interface Design

## LANGUAGES

- English
- Spanish
- French

## EDUCATION

**BACHELOR OF SCIENCE IN COMPUTER ENGINEERING, STANFORD UNIVERSITY, 2018**

## ACHIEVEMENTS

- Contributed to the launch of an award-winning smart device that received industry recognition.
- Increased device efficiency by 30% through software optimization.
- Secured a patent for a unique IoT communication technique.

## PROFILE

Results-driven Embedded Electronics Engineer with 5 years of experience specializing in IoT device development. My background includes a strong foundation in both hardware and software design, with a focus on creating efficient, reliable, and scalable embedded solutions. I have a proven track record of successfully launching IoT products that meet market needs while adhering to deadlines and budgets.

## EXPERIENCE

### EMBEDDED SYSTEMS DEVELOPER

**SmartHome Technologies**

*2016 - Present*

- Engineered embedded solutions for smart home devices, enhancing user interactivity.
- Implemented wireless communication protocols, increasing device connectivity by 40%.
- Collaborated with design teams to create user-friendly interfaces for IoT applications.
- Conducted field tests to validate device performance in real-world environments.
- Utilized troubleshooting tools to diagnose and resolve hardware issues effectively.
- Maintained documentation for design processes and code for future reference.

### JUNIOR EMBEDDED ENGINEER

**Digital Systems Inc.**

*2014 - 2016*

- Assisted in the development of firmware for embedded systems in consumer electronics.
- Participated in the integration of hardware components, ensuring compatibility.
- Conducted software testing and debugging, improving product reliability.
- Supported the team in creating technical documentation and user manuals.
- Engaged in design reviews, providing input on potential improvements.
- Learned and applied industry best practices for embedded software development.