# LOGAN MITCHELL

*EMBEDDED SOFTWARE ENGINEER*

## CONTACT

l.mitchell@email.com ✉

(123) 456-7890 📞

Framingham, MA 📍

[LinkedIn](#) 🔗

## EDUCATION

Bachelor of Science

Electrical Engineering and Computer Science

Massachusetts Institute of Technology

2016 - 2020

Cambridge, MA

## SKILLS

Eclipse

C++

FreeRTOS

Git

UART

JTAG

GNU Compiler Collection

Verilog

Yocto Project

QEMU

## WORK EXPERIENCE

### Embedded Software Engineer

Bose Corporation

2023 - current / Framingham, MA

- Optimized embedded firmware for audio processing on FreeRTOS, *lowering load times on speakers by 3 seconds*.
- Reviewed code for wireless functions and provided technical guidance to junior engineers, lowering instances of finding software bugs by 42%.
- Collaborated with 3 hardware engineers to troubleshoot motherboard issues in subwoofers before release, reducing the amount of product development cycles by 17%.
- Employed GNU Compiler Collection for cross-compiling embedded microcontrollers, ensuring all Bose products were portable and quick in responding to user commands.

### Junior Embedded Engineer

Amazon Robotics

2020 - 2023 / North Reading, MA

- Used Git for version control, maintaining a 98.4% code repository accuracy rate across multiple robotic projects.
- Integrated Yocto Project into existing build systems, making software deployment processes faster by 2 weeks.
- Participated in quarterly agile ceremonies, consistently meeting monthly sprint goals and delivering high-quality code on 98% of occasions.
- Developed 17 embedded software solutions with the help of Eclipse IDE, resulting in a *7-second reduction in system boot time*.

### Customer Service Representative

Wayfair

2019 - 2020 / Boston, MA

- Managed customer inquiries via phone, email, and live chat, maintaining an average satisfaction rating of 91%.
- Connected customers to the IT team to solve issues regarding product features, allowing the team to *identify 19% more bugs in C++ and Verilog.*
- Identified and reported trends in customer issues to the product development team, leading them to implement JTAG for testing and improving product quality by 34%.
- Assisted in setting up a new ticketing system, expediting customer service workflow, and reducing resolution times by 2 hours.