

Charles Neil Goldader

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Github.com/avatarneil | Available: January-September 2019

EDUCATION

Boston University

Boston, MA

Computer Science BA Candidate

September 2018 - Expected May 2021

Coursework: Computer Systems, Combinatoric Structures, Geometric Algorithms

SKILLS

- Skills: Go, Python, Java, C/C++, C#, ELK Stack, Full Stack Web Development, Embedded Development & QA.

EXPERIENCE

Zipcar

Embedded Software Engineer -- Remote.

Spring 2019

- Primary maintainer for production firmware in Zipcar and LocalMotion by Zipcar fleets.
- Languages/technologies used: Java, C/C++, HTML/CSS/JavaScript, NXP Chips, PIC Chips, STM Chips.

Embedded Software Engineering Intern -- SF Bay Area, CA.

Summer 2018 - Winter 2019

- Lead developer for a proprietary Telematics Unit emulator, designed multiple open source MPLab X plugins in Java hosted on the Zipcar Github.
- Developed a collection of external components mimicking standard peripheral behavior (modem, eFlash, etc) written in Go.
- Wrote firmware used in LocalMotion by Zipcar and Zipcar fleets.
- Languages/technologies used: Java, C/C++, Go, HTML/CSS/JavaScript, NXP Chips, PIC Chips.

Quality Assurance Engineering Co-op -- Boston, MA.

Spring 2018

- Collaborated with the Zipcar Telematics team to test production software, firmware and hardware in an Agile Sprint development environment.
- Helped shape QE processes for the Software Engineering team.
- Languages/technologies used: Testlink, Testrails, Atlassian Suite.

Gravic Inc.

Software Engineering Intern -- Malvern, PA.

Spring/Summer 2017

- Developed cross-platform configuration tool for the Shadowbase product, targeted at Oracle databases.
- Languages/technologies used: C#, HTML/CSS/JavaScript, Node.js, Electron.

AWARDS

- Awards: HiMCM National Finalist, Philadelphia Classical Society Cum Laude, Friends' Central John H. McCollum Award, Best Qualcomm IOT Hack @BostonHacks 2018