

Charles Neil Goldader

Software & QA Engineer // [Github.com/avatarneil](https://github.com/avatarneil)

EDUCATION

Boston University, Boston MA — Computer Science BA

Sept 2018 - May 2021

University of Massachusetts Boston, Boston MA — 25 credits towards Computer Science & Mathematics BS with Honors

Sept 2017 - May 2018 GPA: 3.92 (Dean's List)

Friends' Central School, Wynnewood PA — 2017

GPA: 4.3 (W)

EXPERIENCE

Zipcar, San Mateo CA — Embedded Software Engineering Intern

Spring 2018

- Lead developed for a proprietary Telematics Unit emulator.
- Designed multiple open source MPLab X plug-ins in Java hosted on the Zipcar Github, as well as a collection of external components mimicking standard peripheral behavior (modem, eFlash, etc) written in Golang.
- Provided after hours technical support for the Zipcar test vehicles.

Zipcar, Boston MA — Quality Assurance Engineering Co-op

Spring 2018

- Work with the Zipcar Telematics team to test production software, firmware and hardware in an Agile Sprint development environment.
- Utilize and expand automated tests for Zipcar's hosted applications.
- Help shape QE processes for the Software Engineering team.

Gravic Inc., Malvern PA — Shadowbase Product Group Intern

Spring/Summer 2017

Working in a corporate environment for almost half a year, I developed multiple versions of a Gravic Shadowbase Configuration Tool in C#, and an Electron development environment (HTML, CSS, JavaScript, Node.js, Electron, etc...) My internship concluded with a presentation that went over the product I developed during my time at the company, the Gravic Shadowbase SQL Manager 2017.

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SKILLS

Embedded Development & QA

Full Stack Web Development

Java

C#

Python

ELK Stack

Agile Sprint Development

Haskell

Git/TFS

Processing

AWARDS

HiMCM National Finalist

national mathematical modeling competition, placed in top 18 teams out of 840.

Philadelphia Classical Society

Cum Laude local Latin competition award.

John H. McCollum intended for students with generosity of spirit, warmth, and wit.

References

Keith Buckingham-
smak@zipcar.com

John Hoffmann-
jhoffmann@gravic.com

Colin Angevine-
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colinangevine@gmail.com

Friends' Central School Camp, Wynnewood PA — *Computers*
Head Counselor

2016

Spearheading the deployment of iPads into Camp curriculum, as well as creating entirely new curriculum for the older students.

Self-Employed, Wynnewood PA — *Processing Tutor*

2015-2016

Tutoring Middle School students 1:1 in basic Processing (modified branch of Java developed at MIT). We covered the entire High School Processing curriculum, which is approximately equivalent to a semester of coursework.