

106 Loomis St. #4
Burlington, VT 05401

jfrothen@uvm.edu

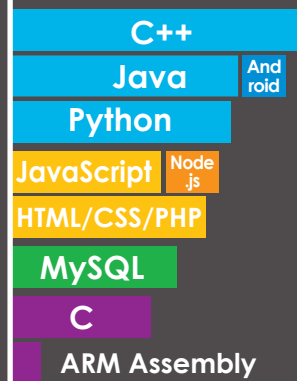
(267)566-1791

[linkedin.com/joshenberg](https://www.linkedin.com/joshenberg)

github.com/joshenberg

Josh Rothenberg

Languages



Skills

- Adobe Illustrator/InDesign
- Microsoft Office Suite
- GitHub
- Google Cloud Platform
- Exceptional written and oral communication skills

Awards and Certifications

- National Merit Scholarship
- Presidential Scholarship
- Green Mountain Scholarship
- Master SCUBA Diver - PADI
- Adult+Pediatric First Aid/CPR/AED - Red Cross

Interests

- SCUBA Diving
- Graphic Design and Architecture
- Teaching
- IoT gadgets

Education

Expected

Dec. 2018

University of Vermont *Burlington, Vermont*

Bachelor of Arts in Computer Science

Minors in Biology and English

2015 - 2018

Honors College

Sample Coursework

Algorithm Design and Analysis | Operating Systems

Computability and Complexity | Discrete Structures

Data Structures and Algorithms | Software Engineering

Discrete Structures | Web Design | Statistics

Relevant Experience

Sept. 2018 -

present

Transportation Systems RFID Research

University of Vermont, Burlington, VT

- Working with Vermont Agency of Transportation and Professor Byung S. Lee to facilitate RFID reading of road signs at driving speeds to modernize Vermont roadways

- Developing headless Debian middleware for continuous data collection on scientific-grade RFID hardware

Summer 2018

Software Engineering Intern

SelfieCause LLC, Burlington, VT

- Worked in an Agile start-up environment within small teams of 2-5 programmers on a centralized Git codebase

- Used Google Cloud platform and APIS to implement multiple in-app payment methods on Android team

- Led UI/UX team in designing and implementing specialized interfaces for users and non-profit campaigns

Other Experience

2017 - present

After-School Teacher *C.P. Smith Elementary, Burlington VT*

- Designed and taught engaging STEM-oriented classes for 10-20 elementary school students

Summers

2016 - 2017

Lead Adventure Guide *ArborTrek Canopy Adventures, Jeffersonville, VT*

- Led up to 60 guests a day on personalized educational eco-tours while maintaining the strictest wilderness safety standards

Spring 2014

Student Researcher *Fox Chase Cancer Center, Philadelphia, PA*

- Performed independent *Drosophila* research on the efficacy of Chromium picolinate as cancer treatment using gel electrophoresis smears as marker for DNA degradation