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Burlington, VT 05401

Josh Rothenberg

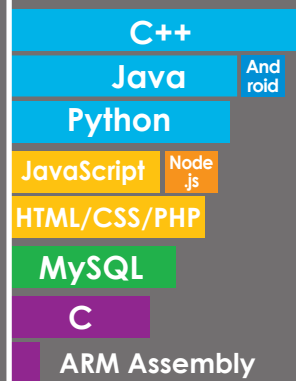
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github.com/joshenberg

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

Algorithms and Analysis | Operating Systems

Computational Theory | Computer Architecture

Data Structures | Web Design | Statistics

Software Engineering | Discrete Structures

Relevant Experience

Sept. 2018 -
present

Transportation Systems RFID Research

University of Vermont, Burlington, VT

- Working with Vermont Agency of Transportation to develop 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 on a centralized codebase
- Used Google Cloud platform and APIS to develop native cross-platform apps 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 lessons for classes of 10-20 first- to fifth-grade students

Summers

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

2016 - 2017

- 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