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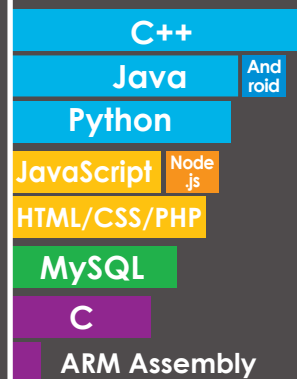
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# Josh Rothenberg

## 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