

## EXPERIENCE

### UPMC ENTERPRISES

#### Software Engineering Intern

- Developed new user authentication system using OAuth2 libraries achieving more app modularity.
  - Configured and documented usage of 3rd party software leveraged by app for federated authentication.
  - Participated in code reviews and writing unit tests.
  - Utilized Agile methodologies.
- (Ruby on Rails, OAuth2 protocol, WSO2, Azure AD)

Pittsburgh, Pennsylvania  
Jun 2017 to Aug 2017

### IMAGINE CAREERS

#### Software Development Intern

- Developed and optimized user features and interface changes.
  - Created admin-only sort-able, filterable metrics table by compiling entries from multiple databases.
  - Implemented responsive landing page from designer specifications.
  - Researched SEO best practices for implementation into the product.
  - Wrote automation script to pull emails out of backlog of thousands of documents.
- (JavaScript, Angular 2, PHP, Symfony2, MySQL, HTML, CSS, SASS, Bootstrap, Python)

Pittsburgh, Pennsylvania  
May 2016 to Aug 2016

### UNIVERSITY OF PITTSBURGH (BUSINESS)

#### Research Assistant

- Performed NLP on dataset of 17 million+ tweets to analyze online perception of brands.
  - Automated the process of data fetching, storage, and analysis.
  - Leveraged automated process during changing current events to take advantage of market trends.
- (Bash, Python, MySQL)

Pittsburgh, Pennsylvania  
May 2016 to May 2017

### UNIVERSITY OF PITTSBURGH (COMPUTER SCIENCE)

#### Research Assistant

- Researched Bluetooth indoor positioning system options.
  - Developed tool for virtually creating arbitrary building layouts for finding the shortest path between rooms accessible through a RESTful API.
- (HTML, CSS, JavaScript, PHP, MySQL)

Pittsburgh, Pennsylvania  
May 2015 to May 2016

#### Peer Tutor

- Tutoring students of all backgrounds and skill levels in introductory and intermediate Computer Science courses.

Jan 2017 to Current

## EDUCATION

### University of Pittsburgh

Bachelor of Science Computer Science 2018

GPA: 3.72

Coursework: Algorithms, Data Structures, Operating Systems, Systems Software, Computer Organization, Discrete Structures, Formal Methods, Computer Vision, Simulation, Cloud Computing, Differential Equations, Linear Algebra, Calculus 1/2, Physics 1/2

## SKILLS

**LANGUAGES:** Python, Java, JavaScript, Ruby, HTML, CSS, SQL, Bash

**TECHNOLOGIES:** Git, Rails, Flask, MySQL, Bootstrap, jQuery, Linux

## PROJECTS

### MUSIC, LITERALLY

Steelhacks Hackathon 2nd Place Winner

Converts blocks of text to playable sequences of piano keys using word sentiment analysis.

Feb 2016

### PITTRAS.ORG

Fully responsive Jekyll based website utilizing open source frameworks.

Jan 2016

### CASHTAG

Fashion/Tech Hackathon Winner

Proof of concept android app to demonstrate automated and wireless retail checkout.

Jan 2016

## ACTIVITIES

PITT COMPUTER SCIENCE CLUB · President

Apr 2017 to Current

PITT ROBOTICS AND AUTOMATION SOCIETY · Webmaster

Jan 2016 to Jan 2017