

Lydia Xing

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EDUCATION

Carnegie Mellon School of Computer Science

B.S. IN COMPUTER SCIENCE, GPA: 3.63

Pittsburgh, PA

Expected May 2022

Horizons School of Technology

FULL-STACK DEVELOPMENT BOOTCAMP FELLOW

San Francisco, CA

Jun 2018 - Aug 2018

EXPERIENCE

SigOpt

SOFTWARE ENGINEERING INTERN

San Francisco, CA

May 2019 - Present

- Modified API specification and web design to allow for metric minimization
- Automated granting essential developer privileges in custom directory system to new hires
- Enhanced usage report tools for customer success team, added data to site admin dashboard
- Developed website visualizing documentation page traffic
- Creating geographical heat map visualization of 12 months of API request origins to show global usage of SigOpt to prospective customers

PROJECTS/ACTIVITIES

Carnegie Cupid - 2018 HACKCMU GSK CATEGORY 1ST PLACE, TEAM PROJECT

- Web app using real-time sentiment analysis on voice-to-text transcript and machine learning on webcam livestream to determine if your date is interested in you.

Online Vision Therapy - 2018 HORIZONS HACKATHON HONORABLE MENTION, INDIVIDUAL PROJECT

- Web app with a variety of vision therapy exercises for conditions such as strabismus
- Used Webgazer.js to track eyes/provide real-time feedback and CSS animations to create eye exercises such as saccades, pursuits, etc.

CIA Buggy

A-TEAM PUSHER, HILL 5

Pittsburgh, PA

Aug 2018 - Current

- Athlete in CMU-specific sport racing human-powered, manned carbon-fiber vehicles
- Placed 3rd out of 24 teams in 2019

FIRST Robotics Team 125 - NUTRONS

PROGRAMMING LEAD, ROBOT OPERATOR

Boston, MA

Sep 2015 - Feb 2018

- Lead vision subteam and implemented PID controllers for self-correcting targeting
- Division champions and finished 4th overall at 2017 St. Louis World Championship
- Developed Android app that won team Innovation in Control Award at 2016 Arizona Regional

SKILLS

Languages: Python, Javascript (ES6), C, SML, Java

Technologies: React, SQL, MongoDB, Node.js

AWARDS/MISC

1st place, 2019 Jane Street S.F. Electronic Trading Competition
Horizons School of Technology Full Scholarship
2018 SpaceX FIRST Alumni Scholarship

Rewriting the Code Fellow
2018 Jane Street INSIGHT attendee
2018 Raytheon FIRST Scholarship