Lydia Xing

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EDUCATION

Carnegie Mellon School of Computer Science   *Pittsburgh, PA*
B.S. IN COMPUTER SCIENCE, GPA: 3.6   *Expected May 2022*

EXPERIENCE

Facebook   *Seattle, WA*
INCOMING SOFTWARE ENGINEERING INTERN   *Expected May 2020 - Aug 2020*

SigOpt   *San Francisco, CA*
SOFTWARE ENGINEERING INTERN   *May 2019 - Aug 2019*
- Modified core API objects and web interface for metric minimization, a feature in use by multiple customers
- Created geographical heat map visualizing 12 months of API request origins to show global usage of SigOpt to prospective customers
- Automated granting essential developer privileges to new hires
- Enhanced usage report tools for customer success team, added data to site admin dashboard
- Developed website visualizing documentation page traffic for company hackathon

PROJECTS

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.

ACTIVITIES
                                                                                                        Pittsburgh, PA
CIA Buggy   *Aug 2018 - Current*
A-TEAM PUSHER, HILL 5
- Athlete in CMU-specific sport racing human-powered carbon-fiber vehicles containing a driver
- Placed 3rd out of 24 teams in 2019

AWARDS/MISC

1st place, 2019 Jane Street S.F. Electronic Trading Competition	2019 Rewriting the Code Fellow
2018 Horizons School of Technology Fellow	2018 Jane Street INSIGHT attendee
2018 SpaceX FIRST Alumni Scholarship	2018 Raytheon FIRST Scholarship

SKILLS

Languages: Python, Javascript (ES6), C, SML   **Technologies:** React, MongoDB, Express, Node.js