

Robin Zhang

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Education

University of Pennsylvania, School of Engineering and Applied Science; **GPA = 3.99**

Philadelphia, PA

- *Bachelor of Science in Engineering* Expected May 2019
- *Master of Science in Engineering* Expected May 2019
- Majoring in Computer Science, Minor in Mathematics
- Activities
 - Grace Covenant Church – Web Team
 - Tau Beta Pi, Eta Kappa Nu, Engineering Dean's List (2015-19)
- Select Coursework: Advanced Algorithms, Networked Systems, Machine Learning, Databases, Software Engineering

Languages: Java, C, C++, JavaScript, Go, Haskell, OCaml, HTML, CSS, Python

Technologies: Node.js, Express.js, React, Redux, MongoDB, SQL

Awards

- First Place – Bloomberg UPenn CodeCon 2017 (programming competition)
- First Place – Bloomberg UPenn CodeCon 2018
- Fourth Place (\$100 prize) – Moody's Analytics University CodeSprint 2018 (HackerRank)
- First Place (\$300 prize) – Stevens Capital Management UPenn Puzzle Hunt 2018 (programming competition)

Experience

Google

Mountain View, CA

Software Engineer

July 2019 – Present

- Google Ads team

Qualtrics

Seattle, WA

Software Engineering Intern

Summer 2018

- Full stack developer on the Product Experience (PX) team working on "Feature Request," an application that will allow companies to intelligently manage and prioritize feature requests for their products.
- Main project: design, develop, and test a search feature to allow users to avoid duplicate requests.
- Technologies: Node/Express, React/Redux

Bentley Systems

Philadelphia, PA

Software Engineering Intern

Summer 2017

- Helped create and add features to a web app built on Cesium.js that allows users to follow a vehicle through a virtual reality model of an environment based on GPS coordinates sent from an iOS app.
- Technologies: JavaScript, Node.js, jQuery, HTML, CSS

University of Pennsylvania

Philadelphia, PA

Teaching Assistant

Various Dates

- CIT 596 Course Developer – Algorithms and Computation (Spring 2019)
 - Created content for the first iteration of the course
- CIS 502 – (Graduate) Analysis of Algorithms (Fall 2018)
- CIS 121 Head TA (Spring 2018, Fall 2018)
 - Manage team of 30 TAs to ensure course quality for 200+ students
 - Manage course infrastructure and logistics, develop homework assignments, work with professor
- CIS 121 – Data Structures and Algorithms (Spring 2017, Fall 2017)
- ESE 301 – Probability (Spring 2017, Spring 2018, Spring 2019)

Research Assistant (Ocean and Climate Dynamics)

May 2016 – May 2017

- Wrote MATLAB code to perform data analysis on ocean data.

Private Tutor

Spring 2016, Fall 2016

- Tutored students in computer science and mathematics courses.

University of Rochester

Rochester, NY

Research Assistant (Laboratory for Laser Energetics)

Summer 2014

- Wrote MATLAB code to perform statistical analysis on images of targets used in inertial confinement fusion.

Projects

lplo (2017)

- Web App that implements natural language processing algorithms to compare texts and produce visualizations
- Top 30 of over 175 submissions and Honorable Mention at PennApps XV Hackathon
- Python, HTML/CSS/JavaScript, D3.js for visualizations