

REBECCA ZENG

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SUMMARY

Developer seeking a challenging role in Software Engineering, where I can utilize my expertise in computer science, electrical engineering, and cognitive science to bring value to a viable company.

SKILLS

Python, Java, JavaScript, HTML, CSS, SQL, App Engine, Google APIs, Git, Angular 2, React, User Experience, User Interface Design, REST API

EDUCATION

University of California, Berkeley

Aug 2017 - May 2021

B.A. Cognitive Science

Minor: Electrical Engineering and Computer Science

ACCOMPLISHMENTS

CollegePoint Last-Dollar Scholarship (2021)

Bloomberg Startup Scholarship (2021)

Rewriting the Code Fellowship (2019)

National Center for Women & Information Technology - Change Leader Scholar (2018)

National Center for Women & Information Technology - Certificate of Distinction (2017)

WORK EXPERIENCE

Software Engineer

Fivetran | Sept 2021 - Present

- Spearheaded security enhancements including automation of connector access based on user region
- Collaborated to bring tested code coverage to 70 percent using Mockito and Jersey testing
- Integrated automated connections with Cloudbeaver for MariaDB, MySQL, Azure Synapse, DocumentDB

Computer Science Instructor

Edlyft | Aug 2020 - Sept 2021

- Developed code and curriculum for students learning structure and interpretation of computer algorithms
- Led a team resolving computer science principles such as dynamic programming
- Tested and provided feedback for UI and UX of the tutoring platform for others to use the platform with ease

Software Engineer

Google | May 2019 - Aug 2019

- Implemented a new business enterprise user experience checklist feature for Google Cloud Console
- Utilized JavaScript, TypeScript, and Angular 2 to route pages and services through Taberna
- Collaborated and communicated with podmate, hosts, and team members through code reviews

Technical Co-Founder

CollegePrep | Aug 2017 - May 2019

- Facilitated an initiative bridging the gap between low-income students and top universities
- Utilized React JS in building registration pages and homepage
- Implemented front-end and HTTPS integration with Amazon Web Services, while addressing hundreds of code review comments

PROJECT EXPERIENCE

Developer

Artificial Intelligence Pacman  | Jan 2020 - Aug 2020

- Integrated informed state-space search, probabilistic inference, and reinforcement learning through Python
- Developed Classic Pacman game through applying depth-first, breadth-first, and uniform cost search algorithms
- Applied perceptron algorithm and neural network models and utilized the models to several tasks including digit classification

Developer

Google CodeU Chat App  | May 2018 - Aug 2018

- Created a chat application using servlets and JSP files
- Developed communication between Google Cloud Datastore and front-end view for administration analysis page
- Implemented editing messages feature using Java