REBECCA ZENG

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📍 Oakland, California, USA

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

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

Computer Science Instructor

Edlyft | Aug 2020 - May 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

Developer

Feelsbot 🔗 | Feb 2018

- Contributed to chatbot aiming to aid autistic individuals through providing information of how their emotions may be perceived
- Integrated Google Cloud Vision API and webcam functionality
- Implemented Google Cloud Datastore and front-end view
- Developed the user interface using Pygram library and file management modules