Debora Choi

✉ deborachoi3@gmail.com — ☎ 510-519-9705 — 🔗 debora-choi— 🐙 deborachoi3 — 🏠 portfolio site

EDUCATION

University of California, Santa Cruz Santa Cruz, CA

B.S. Computer Science — Major GPA: 3.5 Sept 2021 - Sept 2024

Relevant Coursework: Computer Systems, C Programming, Data Structures and Algorithms, Computer Architecture, Fullstack Development, Artificial Intelligence, Natural Language Processing

TECHNICAL SKILLS

Programming Languages/Technologies: JavaScript, TypeScript, React, Node.js, Python, Java, C/C++, REST API, SQL, MongoDB, AWS, Firebase, HTML/CSS, JSON

Software Tools/Operating Systems: Git/GitHub, Docker, Unix/Linux, PostgreSQL, Agile, Jira, Postman, Asana (Workflow Specialist Certified), Figma, Jupyter Notebooks

EXPERIENCE

Keywords Studios San Francisco, CA

AI Project Engineer March 2025 - Present

- Led AI data training initiatives by collecting, analyzing, and refining datasets to enhance AI-human interactions
- Conducted quality assurance testing, identifying AI performance gaps and providing feedback for improvements
- Managed workflows using **Asana** and **Jira**, while collaborating with cross-functional teams and stakeholders to optimize AI training, ensure alignment with project goals, and drive efficient deployment processes

Mission Bit *(Award Winner)* [Link] San Francisco, CA

Software Engineer Intern June 2021 - July 2022

- Implemented an interactive web application that generates customized Mad Libs word games based on user inputs
- Employed **Python** and **Tkinter** for the front end user interaction and the back end functionality design
- Collaborated on **GitHub**, ensuring code quality, documentation, and clear communication in an **Agile** environment

PROJECTS

MangaReact [Link] San Francisco, CA

Manga Database Sept 2024

- Designed a responsive web application employing **HTML**, **CSS**, **JavaScript**, **React**, and **Material UI** to showcase top mangas, recently added titles, and user-favorited selections
- Developed a custom **REST API** to asynchronously fetch manga content, including chapters, pages, and cover images, while utilizing **JSON** for data exchange and localStorage for session data management
- Deployed the website using an **Amazon Web Services (AWS) EC2 container** and configured security groups, load balancing, and auto-scaling to optimize performance and manage traffic efficiently

SlackChat [Link] Santa Cruz, CA

Slack Clone Jul 2024

- Created a responsive messaging platform using **HTML**, **CSS**, **JavaScript**, **React**, and **Material UI**, ensuring an intuitive interface for logging in, creating channels, and sending messages
- Implemented a custom **REST API** for retrieving and posting content with well-defined schemas
- Deployed the application using **Docker** with a scalable back-end powered by **PostgreSQL**, and utilized localStorage for persistent user data and session management

Maomorize [Link] Santa Cruz, CA

CruzHacks 2024 Jan 2024

- Designed a user-friendly interface employing **HTML**, **CSS**, **React**, and **JavaScript** through a component-based architecture, ensuring seamless functionality and a consistent user experience across a variety of devices
- Developed a dynamic web application utilizing **OpenAI's API** for personalized note improvement suggestions, asynchronously fetching data to analyze responses and provide tailored feedback
- Implemented secure user authentication with **Google Authentication** and **Firebase** for managing hashed passwords and user profiles, ensuring data integrity and real-time synchronization across platforms