Jessica Kuang

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EDUCATION

University of California, Santa Cruz – B.S. *in Computer Science*   *June 2022*
- Relevant coursework: Python Programming, Java Programming, Database Systems (PostgreSQL), Introduction to Software Engineering, Applied Machine Learning, Artificial Intelligence, Distributed Systems, Data Structures and Algorithms

WORK EXPERIENCE

Cloud Bridgade - Software Engineer Intern | Santa Cruz, CA   *January 2022 – Present*
- Designed, implemented, and tested a web app with 2 co-interns to observe digital habits and analyze workloads of employees to help them improve their productivity, all hosted on AWS Amplify.
- Used React, AWS AppSync, AWS DynamoDB, to allow users to categorize time entries data on a simple clean datatable and render an analytics dashboard**.**
- Collected data from various third party APIs such as Gmail API and Zoom API and stored in AWS S3 buckets**.**
- Engaged with mentor and team in weekly stand-ups and biweekly agile sprints demos to report progress.

Tech4Good Lab - Undergraduate Lead Web Developer| Santa Cruz, CA   *September 2021 – July 2022*
- Led a team of 10 members developing UI components for Gratitude, a full-stack web app that allow users to send collective thank you cards using Angular, TypeScript, HTML, and Sass.
- Implemented web pages to fetch data from Firebase and manage frontend state using the NgRX library.
- Coordinated with lab professor, UI designers, and Containers team to organize milestones and completion dates for features of the app.

Headstarter - Software Engineering Fellow   *June 2022 - Present*
- Developed projects from design to deployment using MVC design patterns.
- Coached by Amazon, Google, and Bloomberg engineers on CI/CD, Git, Agile, and Microservice patterns.

MissionBit - Python Instructor | San Francisco, CA   *June 2022 – July 2022*
- Taught Python fundamentals to local high school students..

PROJECTS

MonNoms - Front-End Developer
- Developed a mobile app that allows users to find nearby restaurants based on their location, food allergies, and sensitivities.
- Collaborated with 3 other developers to brainstorm and implement ideas into app's development.
- Utilized: React Native, Expo, Google Places API

MyPantry **-** Full Stack Developer
- Designed and implemented a full-stack web app that battles food insecurity aimed towards underrepresented candidates.
- Designed web and mobile mockups in Figma and integrated ReactJS, Node, MongoDB, Express, and utilized third party APIs such as Google Maps API
- Developed RESTful backend server enabling data to be stored persistently.

TECHNICAL SKILLS

Java, HTML, CSS, Javascript, ReactJS, React Native, Angular, Bootstrap, Python, PostgreSQL, MongoDB, Firebase, NodeJS, Express, Git

LEADERSHIP EXPERIENCE

Society of Women Engineers - Secretary and Social Media Chair | *Santa Cruz, CA*   *September 2020 – June 2022*
- Established administrative work procedures to track club events and tasks.
- Prepared email campaigns and managed online connections with 100+ members.

GraceHacks - Public Relations Member | *Santa Cruz, CA*   *August 2021 – January 2022*
- Reached out and connected to workshop leads, mentors, and judges for a hackathon with 120+ participants.