Angelina Suy

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SUMMARY

New computer science graduate with a passion in web development. Proficient in front-end technologies including React, JavaScript, Typescript, HTML, CSS, and backend skills such as API manipulation, WebSocket programming, and databases. Proven experience in collaborative projects, including those run within the Agile and Scrum methodology, displaying strong communication and flexibility. Eager to gain any experience that will further technical expertise in web development.

EDUCATION

University of California, Santa Barbara   **September 2021 – September 2024**
B.S. Computer Science   *Santa Barbara, CA*
- **GPA: 3.59/4.0**; Dean's Honors F21, W23, F23, W24
- **Relevant Coursework:** Advanced Application Programming, Database Systems, Machine Learning, Computer Communication Networks, Intelligence & Interaction: Internet of Things, Data Structures and Algorithms
- **Extracurriculars:** CoderSB (F21 Workshop Winner)**,** Women in Computer Science (GirlsINC Mentor)

PROJECTS

Potluck Planner   **November 2024 - Present**
- Created a web app that allows users to schedule and plan out potlucks
- Designed a streamlined front end using React, Vite, NextJs, Typescript, HTML, CSS, and Figma
- Integrated with Firebase PostgreSQL and SMTP2GO to save user data and send out email notifications reminding of upcoming events

Zen Trivia   **April – August 2024**
- Launched a web app trivia game with both single player and multiplayer game modes
- Built the front-end using Vite, TypeScript, HTML, CSS for a responsive user interface, styled with Bootstrap
- Developed a backend integration with the Trivia API to customize trivia question streams based on player preferences over 3 difficulties, 10 categories, and a 5-15 second time allotment
- Instituted a backend server with Express to handle multiplayer functionality that allows users to chat and compete with up to 10 other players using Socket.io

Happy Cows   **April – June 2024**
- Maintained and debugged large legacy codebase for a React web app built within the Spring Boot framework and hosted on Dokku
- Implemented and tested new features with Stryker, ESLint, React Storybook, and PiTest
- Collaborated with a team of 6 using Agile Development and Scrum methodology over Git
- Wrote detailed and comprehensive release notes to inform both users and future developers of changes made

Film Database System   **November – December 2023**
- Cooperated with 1 other partner to design a relational database model for customers and managers looking to buy and sell stocks for movie stars and directors
- Programmed and implemented an asynchronous database system using Oracle Java Database Connectivity and MySQL with separate interfaces and functionalities for financial managers and customers

SKILLS

- **Languages:** C++, JavaScript, TypeScript, SQL, Python
- **Web Technologies & Databases**: HTML, CSS, ESLint, Dokku, JDBC, PostgreSQL
- **Frameworks & Libraries**: React, Spring Boot, Bootstrap, Node.js, NumPy, PyTorch, MatPlot, Pyrtl, Express
- **Developer Tools**: Git, Swagger, Stryker, PiTest, React Storybook, Docker, Wireshark