Brent Chen

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SOFTWARE DEVELOPER INTERN

PROFILE SUMMARY

Software Developer with experience in software development, project management, and open-source contributions. Proficient in React, Javascript, TypeScript, Firebase, and Agile methodologies. Currently interning at We Care Insurance, developing project features since January 2025. Previously led a scrum team at UCSC Blueprint and contributed to freeCodeCamp's Chapter, ensuring the delivery of features.

PROJECTS

Travel Gourmet Discovery Website

Tools/Technologies: *Next.js, TypeScript, Mapbox GL, mySQL*
Description: Website where travelers want to eat authentic meals from their home countries while traveling can discover restaurants reviewed by customers from their home country.
Contributions: Integrated Mapbox, added pins for restaurant locations, helped design the front-end interface.

Davis Gym Locations Web App

Tools/Technologies: *Next.js, TypeScript, Mapbox.GL*
Description: Built an interactive map allowing users to check internet speeds at various cafes.
Contributions: Integrated Mapbox, added pins for cafe locations, designed front-end interface.

Set List Mobile App

Tools/Technologies: *React Native, Typescript, Firebase*
Description: College students can meet other musicians to form bands, sign up for events, and meet new musicians.
Contributions: Set up the entire backend using Firebase and Typescript and built reusable React components and built the entire UI.

EDUCATION

**University of California, Davis	Graduate School of Management**	**Davis, CA**
Master in Management	September 2024 - June 2025
University of California, Santa Cruz	
B.S in Technology and Information Management	**Santa Cruz, CA**
	September 2020 - June 2024

EXPERIENCE

We Care Insurance	**Remote**
React Developer Intern	January 2025 - Current

- Developed frontend features for the company's automobile insurance management application using React.js, Docker, and SQL database.
- Integrated the frontend with backend APIs, utilizing Git for version control, optimized existing code, and used Bootstrap for UI design.
- Conducted API testing with Postman, wrote unit tests with Jest, and built reusable React components.
- Managed the database with SQL, worked with user authentication using tokens, and used Trello for understanding assignments.

UCSC Blueprint	**Santa Cruz, CA**
Project Lead	August 2023 - August 2024

- Managed a scrum team to develop a mobile app for animal rescue volunteers, overseeing project tasks and team workflow.
- Discussed with the client to plan the project's features and user interface design for the client's volunteers.

- Set up the database using firebase for user authentication & database management and created backend functions using firebase and typescript for backend operations.
- Developed reusable components in React Native for other developers to utilize.
- Hosted development sessions for my team to teach and learn from each other.
- Implemented Agile methodologies, using Trello to improve project efficiency.
- Resolved merge conflicts and maintained an organized Git workflow.

CTI Accelerate   **Remote, CA**
Web Developer Intern   March 2023 - April 2024
- Participated in a 2 month open source internship for freeCodeCamp's event management application, Chapter, secure event management application for non profits.
- Leveraged existing functions while ensuring data type safety and tested with mailbot for email testing
- Completed the assigned task one week ahead of schedule, enabling the creation of venue data and its inclusion in attendee's email and user interface.

SKILLS

Skills: React, React Native, Javascript, Typescript, Node.Js, Python, HTML, CSS, C/C++, SQL, Firebase, Docker
Relevant Courses: Data Structures & Algorithms, C Programming, Programming Abstractions, Database Management Systems