BRADLEY HEWITT

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Motivated Software Engineering graduate familiar with full-stack software design and test-driven development. Looking to apply strong fundamentals and team experience in an entry-level position.

EDUCATION

Bachelor of Science Degree in Software Engineering   **June 2023**
California Polytechnic State University, San Luis Obispo

PROFESSIONAL EXPERIENCE

Cal Poly Computer Science and Software Engineering   **March 2023—June 2023**
AI Chat Engineer
- Implemented React.js application for scanning QR code to receive interactive AI chat prompts.
- Designed a chat window to display information the Large Language Model is trained on, retrieved in various formats such as text, image, or document.
- Express.js API for communicating with Large Language Model and interpreting responses.

Perch Sensing Inc.   **September 2022—June 2023**
Web Application Engineer
- Built scalable Next.js web application for configuring and maintaining a deployed wildfire sensor network. Engineered dashboard elements for displaying live data and sending out commands.
- Focused on React.js component design and styling of a white-labeled multitenant environment.

The Financial Services Network   **June 2018—September 2018**
Administrative Assistant
- Assisted the chief engineer on a financial management web platform and Python application.

TECHNICAL PROJECTS

Delightful   **Summer 2022—Present**
- Minecraft Java modification focused on extending the ecosystem with a more cohesive and functional meal selection. It has amassed over eleven million downloads and continues to grow.

Parser and Interpreter   **Spring 2022**
- Fast and fully capable language parser and interpreter in Racket.

Sport Following Website   **Winter 2021—Spring 2022**
- Customizable sports dashboard providing live game information, news articles, and discussion posts about user subscribed leagues and teams.
- Developed in React.js and Node.js with user data stored in MongoDB.
- As front-end lead, designed a modern SASS stylesheet with database-backed theme selection.

SKILLS

Coursework: Software Engineering I & II, Individual Software Development, Programming Languages, Systems Programming, Design of Algorithms, Data Structures, Artificial Intelligence, User-Centered Interface Design, Object-Oriented Programming and Design, Mobile Application Development
Programming Languages: Java, Python, C/C++, SQL, MongoDB, DynamoDB (AWS)
Web: React.js, Next.js, Express.js with JavaScript/TypeScript
Design: SASS/TailwindCSS; Proficient with Adobe Photoshop and Illustrator