

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

California Polytechnic State University, San Luis Obispo
Bachelor of Science Degree in Software Engineering
3.5 GPA

June 2023

PROFESSIONAL EXPERIENCE

Cal Poly Computer Science and Software Engineering

March 2023—June 2023

AI Chat Engineer

Cal Poly, San Luis Obispo, CA

- Worked on a React application and API for context-aware Large Language Model conversations.

Perch Sensing Inc.

September 2022—June 2023

Web Application Engineer

San Luis Obispo, CA

- Built Next.js web application for configuring and maintaining a wildfire sensor network.
- Focused on React component design and styling of a white-labeled multitenant environment.

Cal Poly Corporation

January 2020—March 2020

Crew Member

Cal Poly, San Luis Obispo, CA

- Assisted customers on campus before it closed in March 2020 due to the COVID-19 pandemic.

The Financial Services Network

June 2018—September 2018

Administrative Assistant

Sacramento, CA

- Worked with lead engineer on a Python application and a financial management web platform.
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TECHNICAL PROJECTS

Delightful

Summer 2022—Fall 2023

- Minecraft Java modification focused on extending the ecosystem with a more cohesive meal selection. It has amassed over eight million downloads and continues to grow.

GymJournal

Spring 2023

- Android application in Kotlin for planning and following workouts and simple daily tasks.

Parser and Interpreter (Team of three)

Spring 2022

- Fast and fully capable language parser and interpreter in Racket.

Sport Following Website (Team of four)

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.
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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