

# 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.*

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## EDUCATION

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

June 2023

## PROFESSIONAL EXPERIENCE

### Cal Poly Computer Science and Software Engineering

March 2023—June 2023

*AI Chat Engineer*

Cal Poly, San Luis Obispo, CA

- Implemented React.js application for scanning QR code to receive interactive AI chat prompts.
- Designed a chat window to display retrieved information in various formats (text, image, doc).
- Express.js API for communicating with Large Language Model and interpreting responses.

### Perch Sensing Inc.

September 2022—June 2023

*Web Application Engineer*

San Luis Obispo, CA

- Built scalable Next.js web application for configuring and maintaining a deployed wildfire sensor network. I 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.

### Cal Poly Corporation

January 2020—March 2020

*Crew Member*

Cal Poly, San Luis Obispo, CA

- Serviced 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

- 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