

# BRADLEY HEWITT

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.

bradleywh01@gmail.com  
[linkedin.com/in/bradleyhewitt](https://www.linkedin.com/in/bradleyhewitt)  
[github.com/bradleyhewitt](https://github.com/bradleyhewitt)  
[bradleyhewitt.com](https://bradleyhewitt.com)

## EXPERIENCE

---

### Cal Poly Computer Science and Software Engineering

March 2023 — June 2023

#### Web Development Intern

- Worked in a team on React.js page for scanning QR code to retrieve chatbot context.
- Contributed to data schema for messages between the Express.js backend and the Large Language Model, and wrote unit tests to validate response shapes.
- Created chat window components for image, video, and document formats, and styled them with Tailwind CSS.

### Perch Sensing Inc.

September 2022 — June 2023

#### Web Application Engineer

- Lead team in implementing role-based access control in Next.js frontend; complete with dynamic rerouting and conditional user interface component renders.
- Helped transition page layouts to Next.js 13's server-side rendering, speeding up browser load times while still maintaining reactivity in content.
- Engineered context-aware live data displays white-labeled with tenant color palette.
- Designed search query builder for requesting information from field-deployed wildfire sensors.

### The Financial Services Network

June 2018 — September 2018

#### Administrative Assistant

- Assisted the chief engineer on a financial management web platform and Python application.

## EDUCATION

---

### California Polytechnic State University, San Luis Obispo

June 2023

Bachelor of Science Degree — Software Engineering

## PROJECTS

---

### Delightful — Java

Summer 2022 — Present

- Minecraft modification focused on extending the ecosystem with a more cohesive and functional meal selection. It has amassed over twelve million downloads.

### Sports Web Dashboard — React.js, Express.js

Winter 2021 — Spring 2022

- Customizable sports dashboard providing live game information, news, and discussion posts relating to user-subscribed leagues and teams.
- As front-end lead, designed a modern SASS stylesheet with database-backed theme selection.
- Created article retrieval API in backend, which aggregated content links from various news and social media sources for display on the dashboard.

### Parser and Interpreter — Typed Racket

Spring 2022

- Fast and fully capable language parser and interpreter adhering to a simple specification.
- Has primitive number, boolean, character, and string data types with mathematical operators and nestable functions.

## SKILLS

---

JavaScript & TypeScript — React.js, Express.js, Next.js

SASS/TailwindCSS, Python, Java, C/C++, SQL, Git/GitHub, Docker