

Jadon Huang

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Software Engineer with hands-on experience leveraging AI APIs to build interactive, full-stack web applications. Skilled in RESTful API development, coaching students on programming, and IT support.

TECHNOLOGIES

Languages: Java, JavaScript, Python, SQL, HTML

Frameworks & Tools: React, Next.js, Express, Node.js, PostgreSQL, Git

TECHNICAL PROJECTS

TamaCatAI — AI Virtual Pet | github.com/j-jh/TamaCatAI

- Created an interactive Tamagotchi-style web app with **Next.js**, **React**, and **PostgreSQL**, with per-user persistent pet state.
- Engineered RESTful APIs to manage pet behaviors; integrated **OpenAI API** for dynamic chats.
- Implemented secure authentication (bcrypt + JWT) and input validation to prevent SQL injection.
- Planned pgvector integration for personalized, long-term conversational memory.

Scheddio — Scheduling platform | github.com/j-jh/ScheddioPresentation

- Collaborated in a small team building a multi-role scheduling app with **React**, **Express**, **PostgreSQL**, and **Tailwind CSS**.
- Implemented role-based access control and booking management via RESTful APIs, enabling a secure multi-role scheduling system.

PalRal — Parking Lot Review | github.com/j-jh/palral

- Engineered a full-stack CRUD app with **React**, **Express**, **PostgreSQL**, Google Maps API, and Tailwind CSS.
- Designed dynamic map and search features with markers, ratings, and responsive UI for mobile and desktop.

EXPERIENCE

Programming Instructor

Sep 2024 — Present

theCoderSchool — San Francisco, CA

- Mentor **15+** students weekly, guiding them through pair programming and hands-on coding projects in **Python**, **Java**, **HTML**, **JavaScript**, and **CSS**.
- Designed **40+** exercises/projects covering **object-oriented programming**, **data structures**, and practical coding challenges.

IT Help Desk Technician

May 2021 — May 2023

University of San Francisco — San Francisco, CA

- Resolved **800+** technical support tickets for **1,000+ users** via phone, email, chat, and in-person.
- Maintained detailed documentation to support efficient troubleshooting and streamline resolution.

EDUCATION

University of San Francisco — *B.S. Computer Science*

Aug 2018 — May 2023