

Jadon Huang

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EDUCATION

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

Aug 2018 — May 2023

TECH STACK

Java, JavaScript (React.js, Node.js/Next.js), Python, SQL (PostgreSQL)

PROJECTS

TamaCatAI | *A byte-sized cat with a huge memory*

<https://github.com/j-jh/TamaCatAI>

- Built a full-stack **Next.js + React** app with an interactive Tamagotchi virtual pet.
- Implemented secure authentication with **bcrypt** and **JWT**.
- Developed RESTful APIs for login, registration, and persistent pet state management, with input validation to prevent **SQL injection**.
- Planned OpenAPI + **pgvector** extension to query past chats for persistent memory.

PalRal | *Your parking pal!*

github.com/j-jh/palral

- Developed a full-stack web app using **PostgreSQL**, **Express**, **React**, and Google Maps API for parking lot reviews.
- Built backend and integrated Google Maps API to support markers, ratings, images, and reviews.
- Added interactive map features for searching, filtering, and viewing lot reviews.

Scheddio | *The schedule pro*

github.com/j-jh/ScheddioPresentation

- Collaborated in a team using Agile practices to design and build a full-stack scheduling app.
- Implemented role-based accounts for providers and clients to manage services and bookings.
- Integrated **React** frontend with **PostgreSQL** backend to handle bookings, availability, and service data.

EXPERIENCE

Programming Instructor

Sep 2024 — Present

theCoderSchool — San Francisco, CA

- Guide **40+** students **Python**, **Java**, and web development (**HTML**, **JavaScript**, **CSS**) through hands-on lessons and projects that reinforce coding fundamentals and problem-solving skills.
- Design and implement **40+** coding exercises and projects progressing from core programming concepts to object-oriented programming and basic data structures.

IT Help Desk Technician

May 2021 — May 2023

University of San Francisco — San Francisco, CA

- Provided hardware and software support to **1,000+** users, diagnosing technical issues and implementing effective solutions.
- Resolved **800+ tickets** via phone, email, live chat, and in-person support, applying systematic technical troubleshooting, debugging, and problem-solving skills.