

James Dinh

Full Stack Developer

 jamesdinh.me

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Experience

Digital NEST, Frontend Developer Intern

Aug 2023 – Aug 2024

Central Valley-based Web and Graphic Design Nonprofit

- ❖ Coordinated with clients in education and recreational industries to produce, develop, and maintain websites using WordPress, JavaScript, and PHP, boosting page visits by 200% and reducing user bounce rates by 56% on average
 - ❖ Created an internal tooling job board with over 200 job listings by web scraping data from LinkedIn and Indeed
 - ❖ Developed MapBox feature maps with 270+ data points; Delegated development workloads on Asana and GitHub
- TypeScript / JavaScript / jQuery / WordPress / PHP / React / NodeJS / Python*

Catalyze SV, Frontend Web Developer

Jun – Sep 2023

Property Development Organization

- ❖ Developed a JavaScript search function that locates nearby housing projects, which tripled incoming site traffic
 - ❖ Strategized with backend developers to list 20+ properties from Shape SV and resolve CORS security issues
- JavaScript / Wix Velo / HTML / CSS*

Gilroy Hacks, Co-Founder, Event Director

Jan 2022 – Jun 2023

Student-led High School Hackathon operated under Hack Club, a 501(c)(3) nonprofit

- ❖ Directed event logistics and outreach for hackathons that served 50+ middle and high school students
 - ❖ Raised \$2,000+ to fund prizes and swag by partnering with local businesses in surrounding cities
- JavaScript / HTML / CSS*

Education

University of California, Berkeley

Grad Est. May 2026

B.A. Data Science

- ❖ Coursework: Data Structures, AI/ML, Linear Modeling, Data Engineering, Efficient Algorithms
- ❖ Clubs/Orgs: VSA, Cal VSA Lion Dance, Origami Club

Gavilan College, Dual Enrollment with High School

Grad May 2023

A.S. Computer Programming

Projects

LLM Stock Trading Benchmark – [GitHub Repo](#)

Flask/React App for Testing Profit Net Loss from LLM Stock Trades Based on News Headlines

- ❖ Enhanced Flask API performance by implementing React state memoization, enabling the efficient handling of over 300 trade queries per evaluation period and minimizing component render overflow
 - ❖ Fetched ChatGPT and LLaMA buy/sell intuition using Groq API; Scraped news headlines from WSJ archives
- Flask / Python / React / TypeScript / NodeJS*

Internal bizzNEST Career Harvest Job Database

Job Repository that Filters Relevant Internship Opportunities for Digital NEST Interns

- ❖ Collated 200+ internship listings from LinkedIn and Indeed into a filterable search database using Docker & SQL
 - ❖ Designed an internal tool connecting alumni interns to partner companies, helping 2/3 of interns secure jobs
- React / TypeScript / JavaScript / NodeJS / Docker / SQLite*

American Sign Language (ASL) Recognition App – jamesvdinh.github.io

Computer Vision Model Trained on a Dataset of 87,000+ Data Points

- ❖ Trained a TensorFlow model to learn 26 ASL gestures from the NIDCD which feeds into a MediaPipe website application that interprets sign language from the webcam's live feed via OpenCV
- Python / TensorFlow / MediaPipe / OpenCV / JavaScript*

Skills

- ❖ JavaScript, React, Python, NodeJS, jQuery, TypeScript, GatsbyJS, WordPress, Wix, PHP, GraphQL, SQL, SQLite, C++, Docker, Flask, HTML, CSS (SASS), Git, REST API, MapBox, TensorFlow, MediaPipe, OpenCV, Pandas, NumPy
- ❖ Personal: Guitar, Piano, Photography, Table Tennis, Chess, Badminton