

James Dinh

Full Stack Developer

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Experience

Digital NEST, Frontend Developer Intern *Aug 2023 – present*

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 overall page visits by 200% and reducing user bounce rates by 56%
- ❖ Developed MapBox feature maps with 270+ data points; Delegated development workloads on Asana and GitHub
- ❖ Web-scraped park features and locations on Google Maps using a Python function and BeautifulSoup
JavaScript / jQuery / WordPress / PHP / React / TypeScript / NodeJS

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 Gilroy and Morgan Hill
- ❖ Led weekly Zoom meetings to discuss scheduling and logistics; Designed/built website from scratch
JavaScript / HTML / CSS

Education

University of California, Berkeley *Aug 2024 – Est. May 2026*

B.A. Data Science

- ❖ Focus/Emphasis: Applied Mathematics and Modeling
- ❖ Coursework (planned): Data Structures, AI/ML, Linear Modeling, Data Engineering, Efficient Algorithms

Gavilan College, Dual Enrollment with High School *Aug 2019 – May 2023*

A.S. Computer Programming

Projects

Internal bizzNEST Career Harvest Internship Database *Apr 2024 – present*

Job Repository that Filters Relevant Internship Opportunities for Digital NEST Interns

- ❖ Collated 200+ internship listings from LinkedIn, Indeed, and GlassDoor into a filterable search database that connects interns to partner companies
React / TypeScript / JavaScript / NodeJS / Docker / SQLite

ParkRX Monterey County Feature Map – [Project Demo](#) *Feb – May 2024*

Dynamic Park Feature Map with 270+ Web-Scraped Parks

- ❖ Implemented a search function that filters web-scraped data from more than 20 city/county park websites
JavaScript / jQuery / WordPress / PHP / MapBox / NodeJS / Python

American Sign Language (ASL) Recognition ML App – [Project Demo](#) *Jan – Apr 2023*

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 a camera
Python / TensorFlow / MediaPipe / OpenCV / JavaScript

Skills

- ❖ JavaScript, React, Python, NodeJS, jQuery, TypeScript, GatsbyJS, WordPress, Wix Velo, PHP, GraphQL, SQLite, C++, Docker, Flask, HTML, CSS (SASS), Git, REST API, MapBox, TensorFlow, MediaPipe, OpenCV
- ❖ Personal: Guitarist, Pianist, Photographer, Badminton, VSA