

James Dinh

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Experience

Digital NEST, Web Development Intern

Aug 2023 – present

Community-Centric Web and Graphic Design Nonprofit

- ❖ Worked directly with clients to produce, develop, and maintain websites using WordPress, JavaScript, and PHP
- ❖ Re-designed TedxSantaCruz website to dynamically display speakers and volunteers using WordPress ACF

Catalyze SV, Frontend Web Developer

Jun – Sep 2023

City-centered Property Development Organization

- ❖ Developed an open-source JavaScript sort-through filter menu to easily locate nearby projects via Mapbox geocoding and redesigned website layout on Wix, thus improving user traffic to the site threefold
- ❖ Collaborated with backend developers to fetch data from the Shape SV database and resolve security issues

Education

De Anza College

Sep 2023 – present

Computer Science Transfer

- ❖ **GPA:** 3.95
- ❖ **Relevant Coursework:** Calculus, Statistics, Linear Algebra, Discrete Mathematics, R Programming
- ❖ **Clubs:** VSA, Badminton Club, Developer's Guild, DA Web Developers

Gavilan College, Dual Enrollment with High School

Aug 2019 – May 2023

AS Computer Programming, AA Natural Science, AA Liberal Arts

- ❖ **GPA:** 3.95
- ❖ **Relevant Coursework:** C# .NET, C++, Discrete Structures, HTML, Java, Python, Unix/Linux
- ❖ **Clubs:** Computer Science Club (President), Gavilan Engineering and Research Club

Activities

Gilroy Hacks, Co-Founder, Event Director

Jan 2022 – Jun 2023

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

- ❖ Directed event logistics and outreach for 2 hackathons that served 50+ middle and high school students
- ❖ Led 25+ team meetings and raised over \$2,000 in funding to buy prizes, food, and swag

Gilroy Youth Commission, Youth Commissioner

Oct 2022 – May 2023

Youth Advisory Board to Gilroy City Council

- ❖ Actively planned and discussed 5 youth community events serving 300+ total youth across Gilroy, created a work schedule for the commission, provided feedback and suggestions for future events

Projects

Project Development Search Tool– [Project Demo](#)

Jun – Sep 2023

Dynamic Search Menu using Fetch API and JavaScript

- ❖ A search tool designed for users to specify filters and display a list of queried projects for Shape SV
- ❖ Utilized JavaScript, HTML/CSS, and Wix for frontend, Fetch GET requests for backend

American Sign Language (ASL) Recognition ML App – [Project Demo](#)

Jan – Apr 2023

Computer Vision Sign Language Translator using MediaPipe, TensorFlow, Python, and JavaScript

- ❖ Utilized MediaPipe and TensorFlow to train a model using a dataset of 87,000 images from the NIDCD
- ❖ Implemented a TensorFlow model to recognize ASL letters from a computer webcam

Additional Info

- ❖ Skills: Python, C#, C++, HTML/CSS, JavaScript, React, WordPress, PHP, GraphQL
- ❖ Awards: PVSA Silver, National Merit Commended Scholar, Chi Am Circle Scholarship, Cougar Scholarship
- ❖ Other Positions: Summer Research Intern (2022 Gavilan College Internship), Private Tutor