

Dylan Yue, 425-435-1056

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EDUCATION

- **University of California, Davis**

Bachelor's of Engineering, Computer Science

Davis, CA

September 2021 – June 2025

EXPERIENCE

- **Full Stack Developer**

Architech Solutions — JavaScript, Figma, HTML, CSS

August 2024 – Present

Redmond, WA

- **Designed and developed a new startup's website (mobile and desktop) to establish a strong online presence:**

- * Achieved client click-through rate (CTR) of 1.94% (industry average is 1.9%) and a conversion rate of 3.2% (Industry average 2% – 5%) from small businesses requesting software consultation
- * Performed Search Engine Optimization best-practices to improve site ranking to #1 on Bing and #4 on Google
- * Created responsive UI/UX design that draws attention to the company's offerings, values, and story with elegant transitions that generated 11 inquiries within the first month of implementation

- **Software Development Instructor**

iD Tech — HTML, CSS, JS, Python, 3D Modeling, 3D Printing

June 2024 – March 2025

Remote

- **Mentored the next generation of software developers for real-world problem solving by programming websites, apps, and hardware:**

- * 95% student satisfaction with the program and 70% student retention rate
- * Customized learning environments and lesson plans to cater towards each student's unique learning needs
- * Taught over 50 students on website design with HTML, CSS, JS, Python, and embedded C++ software development on Arduino with hardware emulation

- **President of the 3D Printing Club**

University of California, Davis

September 2022 – June 2025

Davis, CA

- **Led a team of students in designing and building 3D printed projects for various campus events:**

- * Developed a curriculum for teaching 3D printing basics and advanced techniques for 23 passionate members
- * Planned and budgeted workshops, projects, and events to promote 3D printing technology on campus
- * Collaborated with local businesses to provide students with real-world 3D printing projects

PROJECTS

- **Audysey**

Project Manager and Front-end Developer — Python, JavaScript, Docker, MongoDB

UC Davis

2025

- * Quality assurance for planning and testing all code contributions
- * Integrated UI elements into the program as well as bug fixing broken logic

- **Palmer's Penguins Project**

Project Manager and Front-end Developer — Python, JavaScript, D3

UC Davis

2025

- * Leveraged AI to assist in generating intriguing graphs utilizing the D3.js library
- * Encouraged team collaboration and planned out timeline for deliverables over the course of two weeks

- **HackDavis**

Front-end Developer — Python, Flutter, Figma, Illustrator

UC Davis

2023

- * Enabled Facial Recognition API with Flutter to have 20% greater accuracy by feeding datasets
- * Wireframed pages with Figma and designed UI elements using vector line art in Illustrator

SKILLS

- **Languages:** JavaScript, Python, Java, C, C++, Bash, Powershell, SQL

- **Technologies:** HTML, CSS, React, Pytest, Node.js, Unity, Unreal Engine, Rhinoceros 5, Blender, ChatGPT, Microsoft Copilot (script generation, workflow automation, MongoDB)

- **Interests:** Frontend Development, Web Design, 3D Modeling, 3D Printing