

# Dylan Yue, 425-435-1056

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## EDUCATION

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- **University of California, Davis**

*Bachelor's of Engineering, Computer Science*

Davis, CA

*September 2021 – June 2025*

## EXPERIENCE

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- **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

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- **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

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- **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