Dylan Yue, 425-435-1056

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EDUCATION

- **University of California, Davis** — Davis, CA
  Bachelor's of Engineering, Computer Science — *September 2021 – June 2025*

EXPERIENCE

- **Full Stack Developer** — August 2024 – Present
  Architech Solutions — *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** — June 2024 – March 2025
  iD Tech — *virtual*
  - **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, and embedded C++ software development on Arduino with hardware emulation

- **Front-end Assistant** — July 2023 – August 2024
  Costco — *Redmond, WA*
  - **Worked as a front-end assistant doing a variety of jobs such as cashiering, customer service, security, advertising, and inventory management**:
    * Achieved 40% increased efficiency in inventory itemization compared to peers
    * Efficiency with POS and AS/400 systems
    * Independent problem-solving and dealing with difficult customers

PROJECTS

- **Audyssey** — UC Davis
  Project Manager and Front-end Developer — *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** — UC Davis
  Project Manager and Front-end Developer — *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** — UC Davis
  Front-end Developer — *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