

## 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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- **Architech Solutions**

*Full Stack Developer*

Redmond, WA

*August 2024 – Present*

- **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

- **iD Tech**

*Software Development Instructor*

virtual

*June 2024 – March 2025*

- **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

- **Costco**

*Front-end Assistant*

Redmond, WA

*July 2023 – August 2024*

- **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

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- **Audysey**

*Project Manager and Front-end Developer*

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*

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*

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