

Lucas Velasco

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EDUCATION

University of California, Davis, College of Letters and Science

Davis, CA

Bachelor of Science, Major in Cognitive Science, Minor in Computer Science

Expected June 2026

- Relevant Coursework: Engineering Problem Solving, Data Structures, Algorithms, & Programming, Programming and Problem Solving, Object-Oriented Programming, Research Methods in Psychology

EXPERIENCE

Planet Cents Inc.

Remote

Data Research/Web Design Intern

July 2025 - Present

- Collected and scraped data on sustainable products, analyzing CO₂ emissions and water usage to support environmental impact metrics.
- Applied AI-driven data processing to improve accuracy, efficiency, and depth in compiling and analyzing sustainability metrics.
- Updated and maintained the company's website with accurate environmental data, enhancing user experience through clearer product impact visuals and more accessible sustainability information.

Design Interactive Fellowship

Davis, CA

UX/UI Designer

March 2025 - Present

- Analyzed usability testing data and survey responses to inform design decisions and validate design improvements.
- Redesigned the Goodreads website by creating interactive wireframes and user flows in Figma to improve navigation, usability, and visual appeal.

Artificial Intelligence Student Collective

Davis, CA

Technical Associate

October 2024 - December 2024

- Collaborated with a 5-7 members in a 5-week sprint to develop a heart disease prediction model, applying machine learning algorithms and training a neural network to achieve accurate classification results
- Presented project outcomes to a review panel of over 50 people, showcasing the model's performance, methodology, and potential applications in healthcare predictive analytics.

LEADERSHIP

Phi Gamma Delta

Davis, CA

Director of Philanthropy

September 2024 - Present

- Coordinated the second-ever week-long philanthropy for the Delta Chi chapter of over 60 students, pioneering an Island-themed event that included all social sororities and generated \$2000 in charitable proceeds for Empower Yolo.
- Organized quarterly philanthropy events to raise money for non profit organizations, such as the United Service Organization (USO) and Sacramento Children's Home.

Janet Pomeroy Recreation and Rehabilitation Center

San Francisco, CA

Volunteer Coordinator

June 2020 - August 2022

- Facilitated engaging arts and crafts workshops for individuals ages 6-22 with disabilities by planning and organizing activities, providing instruction, and assisting participants in completing projects.
- Trained teenagers and children in typing lessons at the Adaptive Computer lab and tutored them in algebra and different math concepts

PROJECTS

Heart Disease Predictor

Davis, CA

October 2024 - November 2024

- Engineered a comprehensive suite of machine learning models, from logistic regression and random forest to SVM and Naive Bayes, achieving consistent accuracy above 85% across models.
- Developed a responsive front-end using React and Vite, integrating a user-friendly interface for seamless interaction with the machine learning models and ensuring a smooth user experience.

Cownect

Davis, CA

Lead UI/UX Designer

June 2025 - September 2025

- Led the end-to-end design of a student-facing web platform that helps users discover clubs, internships, and events based on personalized interests
- Conducted competitive analysis and usability testing to inform an intuitive and user-centered design, then developed the front-end with React and Vite, implementing features such as club filters, an event calendar, and a personalized profile dashboard.