

Rooshni Dash

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EDUCATION

UNIVERSITY OF CALIFORNIA DAVIS

Bachelor of Science, Bachelor of Arts

Major: Computer Science, Major: Design

Minor: Technology Management

Relevant Coursework: Object-Oriented Programming, Ethics in Technology, Artificial Intelligence, Human-Computer Interaction, UI/UX Design, Data Visualization, Entrepreneurship

Davis, CA

Expected June 2026

WORK EXPERIENCE

VIRTUAL INTERACTION & COMMUNICATION TECHNOLOGY LAB (VICTR Lab)

Davis, CA

Research Assistant

Sep 2025 – Present

- Ran 30+ end-to-end user studies using video game (Alien Isolation) in VR to investigate the relationship between emotional regulation and physiological stress responses by managing onboarding, in-game prompts and debrief procedures.
- Ensured high-fidelity data collection and reproducibility for high-stakes experiments, maintaining strict lab protocols to yield sound electronic and behavioral insights.
- Conducted rigorous behavioral analysis on black box human activity, identifying key discrepancies between a user's stated experience and their internal stress metrics.

COLLABORATORY FOR EQUITY IN WATER ALLOCATION (COEQWAL)

Davis, CA

UX Designer

Jun 2025 – Sep 2025

- Designed the Framework Explorer, a multi-stakeholder interface providing accessible climate modeling for policymakers, residents, and farmers in California.
- Bridged the gap between technical and social goals by drafting equity frameworks for recognitional gaps while simultaneously optimizing JSON schemas with developers for data consistency.
- Conceptualized and executed the Equiflow branding, aligning the project's visual identity with its mission of transparency and equitable resource distribution for excluded communities.

LEADERSHIP

UC DAVIS FIRST YEAR EXPERIENCE

Davis, CA

Student Manager

Sep 2023 – Present

- Advocated as a member of the Vice Chancellor's Cabinet, serving as a student voice in high-stakes policy meetings to ensure institutional data reflected the lived experiences of marginalized populations.
- Led a diverse staff of 15 to execute transition programming for 30,000+ students, balancing high-level administrative strategy with hands-on project implementation by promoting diversity, equity and inclusion.
- Orchestrated the campus wide events (Majors Fair/Aggie Day) for 640+ attendees, redesigning the event flow based on qualitative feedback to shift the experience from a requirement to a community-building milestone.
- Spearheaded a university-wide webinar on Ethical and Responsible AI, translating complex topics like prompt engineering, data privacy, and algorithmic bias into accessible resources for the student body.

UC DAVIS GLOBAL AFFAIRS

Davis, CA

Global Ambassador Mentor

Mar 2023 – Mar 2024

- Supported successful transition to 50+ international and exchange students by mentoring on academics, campus resources and cultural adjustment.
- Strengthened cross cultural community by organizing 5+ events and expanded access to global learning hub and study abroad.

ADDITIONAL

Technical Skills: HTML/CSS, Python, C++, Javascript, Interaction Design, UX Research, Prototyping, Data Analysis

Languages: Fluent in English, Hindi, Odia; Intermediate Proficiency in Spanish

Certifications: IxDF Quantitative Research, Google Digital Marketing & E-Commerce Career Certificate, Google AI Essentials