

Ruby Sanchez

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EDUCATION

University of California Santa Cruz

B.S. Cognitive Science (AI/ HCI), GPA: 3.96

Sep 2022 – Present

Expected Graduation June 2026

Relevant Coursework: Qualitative Research Analysis, Quantitative Research Analysis, Human-centered AI, Advanced Data Analysis, Collaborative Research Experience in Engineering

EXPERIENCE

UCSC Tech4Good Lab, Santa Cruz, CA

Jan 2024 – Present

Research Director

Sep 2025 – Present

- Oversee lab operations across multiple research teams and guide product development.
- Develop standardized data reporting systems to improve lab-wide communication and consistency.

Research Pathways Fellow

June 2025 – Sep 2025

- Awarded fellowship supporting undergraduate research across divisions in Baskin Engineering
- Designed and implemented an onboarding curriculum to train new members in research methods and literature review skills.

UI/UX Research Lead

Jan 2024 – June 2025

- Supported the design and development of a mobile app that promotes learning, collaboration, and community engagement.
- Designed user interfaces using wireframes and high-fidelity prototypes in Figma.
- Managed team logistics, tracked progress, and developed reports to support lab-wide organization.

DataShare SCC, Santa Cruz, CA

March 2025 – Present

UI/UX Design Intern

- Redesigning a public health data website to improve accessibility and clarity for diverse users.
- Creating sitemaps, wireframes, and prototypes in Figma to communicate interaction and layout ideas.
- Conducting usability testing to evaluate user behavior and propose improvements for navigation and readability.

UCSC Cognitive Modeling Lab, Santa Cruz, CA

March 2025 – Present

Research Assistant

- Exploring cognitive modeling, human-computer interaction, and multitasking performance through applied research and literature analysis.
- Contributing to the editing of a research book on the EPIC cognitive architecture authored by the lab professor.

ACTIVITIES & HONORS

UCSC NCAA DIII Swim and Dive Team

Sep 2022 – Present

- Team Captain
- Academic All-District Honors

Sep 2024 – Present
2025

SKILLS

- **Hard Skills:** UX Research, Prototyping, Usability Testing, Data Visualization, Product Strategy
- **Tools:** Figma, Slack, SPSS, Python
- **Soft Skills:** Leadership, Communication, Curiosity, Collaboration, Empathy, Problem-Solving