

Mirelys Mendez Pons

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EDUCATION

Stanford University, Stanford, CA

Fall 2021 - Present

Candidate for Bachelor of Science in Design, Minor in Modern Language

Honors in Education

Relevant Coursework: Calculus I-II, Physics I, Foundations of Product Realization, Product Realization: Design and Making, Advanced Product Design: Needfinding, Product Design Methods

RESEARCH EXPERIENCE

Undergraduate Researcher in the IDEAL Research Lab, Stanford, CA

11/2024 - Present

- Just joined the lab, waiting to be assigned to a project.

Undergraduate Researcher in the Designing Education Lab, Stanford, CA

06/2023 - Present

- Developed the physical prototype of an accessible electronics circuit simulator for blind and low-vision learners in engineering education.

- Iterated on multiple prototypes to thoroughly test and validate tool functionality.

- Led the design of Braille embossing that integrates with the physical circuit board and digital interface in collaboration with the Office of Accessible Education.

WORK EXPERIENCE & LEADERSHIP POSITIONS

Mentor for Curious Cardinals, Remote

01/2025 - Present

- Guided students in academics, study skills, and passion projects, fostering real-world skills and personal development.

Board Member for Stanford Cap & Gown, Stanford, CA

10/2024 - Present

- Lead planning and logistics for an annual winter event for 200+ attendees, including venue selection, meals, decorations, and mentoring an intern to ensure seamless execution.

Resident Assistant and Tresuarer for Stanford Residential Education, Stanford, CA

09/2023 - Present

- Cultivated a positive atmosphere, supported students, organized community activities, ensured a safe living environment, and managed thousands of dollars as treasurer.

Student and Mentor Outreach Coordinator for Latinas in STEAM, Caguas, PR

06/2023 - Present

- Organized panels, offer interactive presentations at schools about STEAM. Manage and produce content for social media accounts (~4,000 followers total) to support Latinas interested in STEAM.

- Assisted in running a free, primarily virtual university access program and mentored over 150 Puerto Rican high school students on U.S. college admissions and financial aid processes.

Student Studio Operator for Stanford Center for Professional Development, Stanford, CA

05/2022 - 08/2024

- Recorded Computer Science, Engineering, and Management courses for Stanford's undergraduate, graduate, and global audiences, collaborating with faculty and gaining insights into dynamic campus programs.

Webpage Manager & Designer for Semilla de Bienestar, Remote

12/2021 - Present

- Designed the UX/UI of the webpage to ensure an engaging and user-friendly experience.

- Managed website updates, tested performance, resolved technical issues, and responded to security breaches.

HONORS & AWARDS

06/2025 Best Diversity Paper Award, ASEE Annual Conference

04/2025 Honorable Mention, CHI Conference on Human Factors in Computing Systems

12/2023 Stanford Graduate School of Education Honors Program

06/2023 Stanford Vice Provost of Undergraduate Education STEM Fellows Program

06/2023 ME SURI Student Undergraduate Research Experience

06/2021 Kinesis Scholarship Recipient and KIPP Member

05/2021 2021 Regeneron ISEF Finalist

09/2021 National Puerto Rican Day Parade Scholarship Recipient