

Amanda Rivera

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Education

University of Puerto Rico - Río Piedras
Bachelor of Science in Computer Science

December 2025

Certifications

Google UX Design Professional Certificate

April 2026

- Completed end-to-end UX case studies, including user research, wireframing, prototyping, and usability testing.

Work Experience

Website Designer

Nov 2024 – Dec 2025

<https://csmer.uprrp.edu/>

- Modernized a legacy research portal inactive since 2013, restoring 100% of site functionality for researchers and the public by resolving technical debt and implementing custom HTML and CSS.
- Maintained site reliability by monitoring performance issues and improving navigation, reducing user friction across key research pages.
- Redesigned core WordPress layouts, streamlining user flow and resulting in more intuitive navigation for faster information retrieval for researchers.
- Iterated on web designs based on stakeholder feedback, translating complex research requirements into user-centric features that met project specifications.

Freelance Business Management Application

Jan 2024 – July 2024

- Designed and implemented a relational MySQL database, enabling centralized storage, auditing, and management of client and inventory records.
- Established data validation processes that ensured consistent and accurate client and inventory records.
- Developed a web-based interface using PHP, HTML and CSS that enabled client to search, update, and monitor client records from a single application.
- Documented database architecture, workflows, and schema, reducing onboarding time for future developers and supporting long-term maintenance.

Cybersecurity Summer Camp Assistant

July 2023

- Supported instructors in managing classroom activities, introduced participants, and planned group discussions to develop leadership skills and encourage participation.
- Supported interactive learning environment that improved student participation and completion of lab exercises.

Leadership

CAHSI Student Advocate

Jan 2024 – May 2024

- Compiled and updated dynamic worksheets of offers and internships, streamlining the application process for students.
- Designed compelling flyers and launched awareness campaigns for coding events and activities, increasing student participation and enhancing their understanding and involvement in tech opportunities.

Skills

Technical: Figma, HTML5, CSS, JavaScript, Bootstrap, Python, MySQL, C++, MS Office Tools, WordPress, Adobe After Effects, Final Cut Pro

Professional: User Research, Prototyping, Problem Solving, Attention to Detail, Quick Learner, Adaptability, Technical Documentation, Organization

Languages: Fluent in Spanish & English