CAROLINA HERRERA

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EDUCATION

University of Maryland, College Park, College of Information   **Expected May 2026**
Master of Science, Human-Computer Interaction
Relevant Courses: User Experience Research Methods, Programming Human-Centered Interfaces

Cornell University, College of Arts and Sciences   **May 2024**
Bachelor of Arts, Information Science (Behavioral Science, Data Science, and User Experience)
Minor: Latina/o Studies
GPA: 3.90
Relevant Courses: App Design and Prototyping, Designing Technologies for Social Impact, Web Design and Development, Human-Computer Interaction Design, Data Communication, Data-Driven Web Applications

RELEVANT EXPERIENCE

The University of Maryland College of Information, *Graduate Teaching Assistant*   **Aug. 2024 – Dec. 2024**
- Led weekly discussion sections with a combined total of 80 students for Information User Needs and Assessment.
- Improved student participation and engagement with course material by implementing hands-on group activities.

Cornell Bowers College of Computing and Information Science (CIS), *Teaching Assistant*   **Jan. 2023 – May 2024**
- Served as a Teaching Assistant for 4 courses: Intermediate Web Design and Development, Networks, Human-Computer Interaction Design, and App Design and Prototyping.
- Graded students' assignment submissions in a timely manner and held weekly office hours.
- Led a weekly lab section of 20 students, guiding them through lab assignments.

Women in Computing at Cornell (WICC), *Web Developer*   **Sep. 2022 – May 2024**
- Led a sub-team of 3 developers to redesign the WICC website using Figma and React, improving user experience and site navigation.
- Developed and presented a Git workshop to 30+ participants, teaching them basic Git commands and how to handle merge conflicts through a guided code tutorial.

Washington's Top News (WTOP), *Web Development Intern*   **Jun. 2022 – Aug. 2022**
- Performed an accessibility and web analytics audit of the WTOP and Federal News Network websites and implemented changes to secure WCAG compliance and improve SEO.
- Developed a feature for WTOP news writers to reduce the number of clicks required to edit a published article, using HTML, PHP, CSS, and WordPress.

RESEARCH EXPERIENCE

Communication and Collaborative Technologies Lab, *Research Assistant*   **Feb. 2023 – May 2023**
- Conducted a literature review of virtual agents' characteristics, use cases, and ethics to establish a research foundation.
- Presented findings in a weekly progress report to a PhD student, verifying alignment with their research goals.

LEADERSHIP EXPERIENCE

Social Enterprise at Cornell (SEC), *Vice President of External Affairs*   **Aug. 2023 – Dec. 2023**
- Contacted and secured four new clients for the Fall 2023 semester for pro-bono consulting projects.
- Held weekly progress meetings with project managers to ensure that the projects were on track to present a final deliverable to the clients by the end of the semester.

SKILLS

Technical Skills: SQL, PHP, WordPress, HTML, CSS, JavaScript, Python, R
Libraries/Frameworks: Vue.js, React, D3.js, Chart.js, Three.js, GSAP, Pandas, Scikit-learn, Seaborn, Matplotlib
Programs: Adobe InDesign, Figma, Microsoft Office, Excel, Word, PowerPoint
Foreign Languages: Spanish (fluent)