

EDUCATION

University of Maryland, Baltimore County (UMBC), Baltimore, MD
Ph.D Student in Human-Centered Computing

University of Maryland, Baltimore County (UMBC), Baltimore, MD 2024
M.S. in Human-Centered Computing
GPA: 3.9

University of Maryland, Baltimore County (UMBC), Baltimore, MD 2022
B.A. in Business Technology Administration
Entrepreneurship Minor
GPA: 3.786 (Magna Cum Laude)

RESEARCH AND PROJECTS

Qualitative Methods: Experience conducting field observations, interviews, and qualitative data analysis. Research includes community-engaged efforts with marginalized populations including blind and low-vision (BLV) youth, BLV entrepreneurs, BLV factory workers, accessibility experts, and local participants from Puerto Rico.

Usability Study: Collaboratively evaluated the learnability of a virtual reality game (Beat Saber) focusing on novice vs expert users. Recruited participants and deployed surveys/interviews to examine users' perceptions of the product design.

Website Visual Redesigns: Performed discovery, analysis, and iterations of improved low, medium, and high-fidelity designs of cupcake, grocery store, and construction businesses incorporating user-centered design, UX and UI principles, design thinking, cognitive principles, and Google Sprint methodology.

Systems Analysis and Design: Collaborated with team members on improving an air travel bag tracking system. Developed problem analysis/requirements document and systems design document.

PROFESSIONAL EXPERIENCE

Academic Program Specialist, Baltimore, MD May 2022 – May 2024
UMBC, *Department of Information Systems*

- Served as first point of contact for administrative support for full-time/part-time faculty, students, and visitors
- Planned and coordinated department events working and communicating with cross-functional teams
- Assisted in marketing tasks making website updates, organizing student spotlights, and sharing resources
- Independently systemized and executed the department's contracts for graduate assistants and adjunct faculty
- Provided personable guidance/support to the department's student workers through leadership and teamwork

Scholarship Assistant, Baltimore, MD Oct 2018 – May 2022
UMBC, *Office of Financial Aid & Scholarships*

- Resolved 14.5% of the Merit Scholarships Unit's request tickets (during employment period)
- Actively responded to queries/conflicts via phone calls, emails, and in-person appointments
- Analyzed and retained large amounts of information about scholarships and university resources and translated these for various audiences at recruitment events
- Demonstrated attention to detail by monitoring student accounts daily while maintaining confidentiality

LEADERSHIP AND AWARDS

- GEM Fellow (Ph.D.), awarded in 2025
- UMBC's College of Engineering & Information Technology (COEIT) 2024 Research Day Honorable Mention for Poster Titled "Understanding How Community Programs Empower Blind and Low Vision Youth."
- UMBC's COEIT's 2024 Staff Award for Superior Service
- UMBC's COEIT's 2022 Outstanding Senior Award
- Recipient of UMBC's Annual Merit Scholarship (2018-2022)
- Social Media & PR Officer for the Latinx and Hispanic Graduate Student Association at UMBC

PUBLICATIONS

Mei-Lian Vader, **Marjory Pineda**, and Ravi Kuber. 2025. Investigating the Work Practices of Assembly Line Workers with Visual Impairments. In W4A '25: Proceedings of the 22nd International Web for All Conference (W4A '25), April 28, 29, 2025, Sydney, NSW, Australia. ACM, New York, NY, USA, 9 pages.
<https://doi.org/10.1145/3744257.3744259>

Mei-Lian Vader, **Marjory Pineda**, Foad Hamidi, and Ravi Kuber. 2024. "Pretty Much an Advocate as Well": Investigating the Experiences of Self-Employed Individuals with Visual Impairments. In The 21st International Web for All Conference (W4A '24), May 13, 14, 2024, Singapore, Singapore. ACM, New York, NY, USA. <https://doi.org/10.1145/3677846.3677865>