

# MANISHA VIJAY

Elkridge, MD | [mvijay1@umbc.edu](mailto:mvijay1@umbc.edu) | <https://mvijay1.wixsite.com/mysite>

## EDUCATION

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### UNIVERSITY OF MARYLAND BALTIMORE COUNTY

Baltimore, MD

Bachelor's of Science in Information System's

May 2025

Master's of Science in Human Centered Computing

Expected December 2026

Relevant Coursework: UI Prototyping and Development, Structured Systems Analysis and Design, Data Visualization and User Interfaces

## WORK EXPERIENCE

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### UMBC DoIT Technology Support Center

Baltimore, MD

Student Consultant

Jan 2023 – Present

- Provide technical assistance to 50-100 users weekly through phone, online, and in-person channels
- Resolve technical issues efficiently, creating and closing 50-100 tickets weekly in a Request Tracker system
- Apply analytical and problem-solving skills to troubleshoot a variety of user-facing challenges
- Demonstrate effective communication with users, achieving positive outcomes even in difficult situations

### UMBC Department of Information Systems

Baltimore MD

Grader – IS 436: Structured Systems Analysis and Design

Jan 2025 – May 2025

- Grade weekly assignments for 30+ students, applying detailed rubrics to evaluate DFDs, ERDs, and feasibility analyses
- Deliver consistent, constructive feedback to support student learning in a project-based course
- Coordinate with instructor to uphold grading standards and track progress in Google Drive

## UNIVERSITY PROJECTS

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### Student Driven AI Policy Making in Human Centered Computing

Jan 2025 - Present

Research Assistant | Dr. Yasmine Kotturi, Human Centered Computing

- Facilitate participatory design workshops where students co-developed AI policies and redesigned generative AI interfaces for design education
- Collect qualitative data through discussions, peer evaluations, and usability studies to assess student perspectives on AI integration.
- Contributed to UX research and prototyping to refine AI-assisted design tools, ensuring alignment with user needs and ethical considerations.

### Feline Informatics Reporting System

Sept - Dec 2024

- Lead the design of user interface prototypes, physical process flows, and data models for a system addressing a business problem for the Campus Cat Rescue organization
- Developed UI prototypes to improve user interaction and streamline processes, ensuring an intuitive experience for both volunteers and administrators
- Collaborated with team members to align the system design with user requirements and organizational goals

## ACTIVITIES

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### STARS Computing Corps UMBC Chapter

Baltimore, MD

Co-founding Student Director

Jan 2023 – Dec 2024

- Lead a team of 20 students in service and outreach initiatives to broaden participation of historically excluded populations in computing
- Plan and host two university-wide events monthly, helping 20-50 students with resume building, networking, and professional development
- Facilitate workshops for middle school students, introducing them to computing and technology-related activities

## TECHNICAL SKILLS

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**UX Design:** Prototyping, Wireframing, User Research, Usability Testing

**Programming:** Java, HTML, CSS, SQL, Python, C++

**Software:** Figma, Final Cut Pro, Tableau, Oracle XE, SQLDeveloper, Google Suite, Microsoft Office, Canva