

Madison Hueston

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PROFESSIONAL SUMMARY

Graduate student pursuing an M.S. in Human-Computer Interaction at the University of Maryland, with hands-on experience in metadata architecture, user-centered research, and digital systems design. Focused on building accessible, intuitive systems for public-sector, education, and civic technology contexts. Combines UX research methods and database/metadata design with a track record of leading large student organizations.

EDUCATION

M.S. Human-Computer Interaction | University of Maryland, College Park

Exp. May 2028

B.S. Information Science, Minor in History | University of Maryland, College Park | GPA: 3.34

May 2026

Relevant Coursework: User-Centered Design, Information User Needs & Assessment, Database Design & Modeling, Information Organization, Human-Centered Cybersecurity, Intro to Data Visualization

SKILLS

UX & Design: Figma, wireframing, usability evaluation, survey design, Adobe Creative Suite, Canva

Research & Analysis: User research, usability testing, statistical reporting, data visualization (R, Python)

Data & Databases: SQL, Supabase, metadata schema design, database auditing

Programming: Python, Java, JavaScript, HTML/CSS, R, C# | Platforms: Google Workspace, Microsoft Office, Vercel, HubSpot

UX & RESEARCH EXPERIENCE

Digital Engineering Library Consultant | Montgomery County Department of Transportation

Spring 2026 – Present

- Researched best practices for digital asset management and metadata standardization across 3D–7D engineering data types
- Designed metadata schemas and naming conventions that improved consistency and retrieval across MCDOT engineering platforms
- Collaborated with MCDOT's P3DSETI team; work advanced to Phase 2 for system build-out and implementation

Graduate Course Aide | User-Centered Design & Project Development Studio, College of Information, UMD

Fall 2026 – Present

- Support course facilitation and student learning across two undergraduate courses, User-Centered Design and Project Development Studio

AI Training & Evaluation Contributor | Handshake AI Fellowship (Argus, Hedgehog, Helix)

Spring 2025 – Present

- Developed and evaluated structured datasets across audio, visual, and text tasks against documentation standards
- Analyzed codebases to identify and correct errors, producing gold-standard benchmarks used for model improvement

PROJECTS

Food Allergy-Aware Dining App (INST362): Surveyed and interviewed students to inform the design of a campus dining app for students with food allergies

Email Newsletter Redesign (INST490): Interviewed a company stakeholder to identify pain points and redesign an email newsletter for improved engagement

Friday Findings Newsletter Case Study (LabX): Developed case study content for a newsletter redesign project, featured in UX portfolio at madisonhueston.com

CTRL+ESC (VR Escape Room): Designed and built a VR escape room in Unity for Meta Quest 3, including full documentation, lesson plan, and demo video script

ADDITIONAL EXPERIENCE

Graduate Assistant, Communications — Dept. of African American and Africana Studies, UMD (*Fall 2026 – Present*). Manage departmental communications and develop an annual newsletter, coordinating content from faculty and students.

Brand Ambassador — Intuit TurboTax (*Fall 2024 – Spring 2025*). Selected for a competitive national program; represented the brand through digital content creation and campus outreach.

Artist Operations Assistant — The Clarice Smith Performing Arts Center (*Fall 2024 – Present*). Coordinate front-of-house and backstage logistics for live events; maintain accurate records across shifting schedules.

Orientation Advisor — UMD Office of Orientation and Transition (*Fall 2022 – Fall 2023*). Facilitated orientation programming and small-group engagement initiatives for hundreds of incoming students.

LEADERSHIP & COMMUNITY ENGAGEMENT

Chapter President — Delta Sigma Theta Sorority, Inc. — Kappa Phi Chapter (*Spring 2025 – Spring 2026*). Lead all chapter operations and programming; manage budget and serve as liaison with regional officers and university administration.

Founder & President — Mind Matters, Student Mental Wellness Organization (*Spring 2023 – Spring 2026*). Founded the organization and launched campus events and workshops; administered surveys to evaluate program outcomes.

PR Chair & Social Media Manager/Designer — UMD Stepp Team (*Fall 2022 – Spring 2025*). Designed promotional materials and managed social accounts; executed PR strategies to drive event visibility and attendance.