Curriculum Vitae

Marie Sakowicz

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EDUCATIONAL QUALIFICATIONS

2024 Master of Science Human-Centered Computing, University of Maryland, Baltimore County
2005 Master of Education, Educational Technology, Northern Arizona University
2001 Bachelor of Science, Management of Computer Information Systems, Park University
2000 Associates, Hospital Administration, Community College of the Air Force

RESEARCH INTERESTS

- Human-Computer Interaction (HCI)
- Educational Technology
- Artificial Intelligence in Education
- Human Factors
- Assistive Technology

PROFESSIONAL EXPERIENCE

2006 – Current Defense Information Systems Agency (DISA), Ft. Meade, MD, Information Technology Program Manager

PUBLICATIONS

Erin Higgins, Marie E Sakowicz, and Foad Hamidi. 2024. An Ecosystem of Support: A U.S. State Government-Supported DIY-AT Program for Residents with Disabilities. In Proceedings of the 26th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '24). Association for Computing Machinery, New York, NY, USA, Article 52, 1–16. https://doi.org/10.1145/3663548.3675667

RESEARCH EXPERIENCE

2024 Conducted a focus group study to explore the role of AI-enhanced tools in supporting lesson planning for students with disabilities, such as Autism

Spectrum Disorders, through the Lens of Universal Design for Learning (UDL). . University of Maryland, Baltimore County, MD. Advisor Dr. Foad Hamidi, DARE Lab.

2024 Conducted a preliminary research project on the use of AI-enabled applications in special education, focusing on assistive technologies for students with disabilities. University of Maryland, Baltimore County, MD. Advisor Dr. Foad Hamidi, DARE Lab.

2024 Assisted with data collection for a study on teaching technology in a Therapeutic Rec class. University of Maryland, Baltimore County, MD. Advisor Dr. Foad Hamidi, DARE Lab.

2023 Assisted with data collection for a study on prototyping platforms for Do-it-Yourself (DIY) assistive technologies in partnership with the Maryland State using 3D printing. University of Maryland, Baltimore County, MD. Advisor Dr. Foad Hamidi, DARE Lab.

2023 Assisted with data collection for the Rec-to-Tech study: Understanding the Role of Rec Center Educators in Creating Maker-based Technology and Computer Science Learning Hubs for Urban Youth. University of Maryland, Baltimore County, MD. Advisor Dr. Foad Hamidi, DARE Lab.

2023 Conducted a pilot study on Artificial Intelligence (AI) Adoption in Local Schools to examine teacher use and understanding.