

MARYAM SEIFELDIN

MS student in information

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EXPERIENCE

Graduate Student Instructor

University of Michigan

📅 Fall 2019 - Winter 2020 📍 Ann Arbor, MI

- Teach 40 students per semester to explore psychology literature, design and run a research project, perform statistical analyses, and write up their findings in APA format
- Develop students' sense of good research design and analysis so they can become critical, responsible consumers of scientific research in any career
- Created online platform to teach students how to take their raw data from Qualtrics, reshape it, generate plots, and analyze it in R

Summer Research Intern

Culturally Situated Design Tools

📅 Summer 2019 📍 Ann Arbor, MI

- Modified interface with JS and Snap to add new functionality for online software that uses indigenous artwork to teach basic concepts of coding
- Contributed to working update to main site for usability improvement

Graduate Research Assistant

University of Rochester

📅 Fall 2014-2017 📍 Rochester, NY

- Designed and directed research on the effects of social perception on language processing
- Developed experimental interfaces in Qualtrics and HTML/JavaScript

CONSULTING

Usability Consulting

uLead Network

📅 January - May 2019

- Headed class team in analysis of public education resource website
- Coordinated interviews with stakeholders and users, performed heuristic and research-based analyses of usability
- Developed and presented short and long-term solutions to client (writeup available on website)

Contextual Inquiry Consulting

University of Michigan Center for Sustainable Systems

📅 September - December 2018

- Led class team in competitive analysis audit of UMich CSS shared drive and data practices
- Presented formal analysis to develop recommendations, presented and wrote them up for client (writeup available on website)

EDUCATION

Masters of Science in Information

University of Michigan

📅 2020 📍 Ann Arbor, MI

PhD work in Brain & Cognitive Sciences

University of Rochester

📅 2014-2017 📍 Rochester, NY

B.A., Honors: Linguistics; Biopsychology, Cognition, and Neuroscience

University of Michigan

📅 2014 📍 Ann Arbor, MI

COURSEWORK

- computational methods
- graphic design
- applied machine learning
- UI design
- mobile app development

PROGRAMMING

Python, R, HTML, CSS, JS ●●●●●

MATLAB, React Native ●●●●●

SQL, LaTeX, Django ●●●●●

DESIGN DEVELOPMENT

- competitive analysis
- prototyping
- wireframing
- storyboarding

RESEARCH

- contextual inquiry
- usability testing
- experimental design
- affinity walls
- qualitative analysis
- mechanical turk
- quantitative analysis