

MARYAM SEIFELDIN

MS student in information

✉ mseifeld@umich.edu

☎ 248-877-2511

🌐 seifeld.in

in /in/mseifeldin

🌐 /mseifeldin



EXPERIENCE

Graduate Student Instructor

University of Michigan

📅 Fall 2019 - Winter 2020

📍 Ann Arbor, MI

- Teach 40 students to explore psychology literature, design and run a research project, perform statistical analyses, and write up their findings in APA format
- Help students develop skills with Qualtrics, Amazon Mechanical Turk, and R software
- Develop students' sense of good research design and analysis so they can become critical, responsible consumers of scientific research in any career

Summer Research Intern

Culturally Situated Design Tools

📅 Summer 2019

📍 Ann Arbor, MI

- Modify interface with JS and Snap to add new functionality to logarithmic graffiti software
- Contribute 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
- Designed experimental interfaces in Qualtrics and HTML/JavaScript

CONSULTING

Usability Consulting

uLead Network

📅 January - May 2019

- Led class team in analysis of public education resource website
- Conducted 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 audit of UMich CSS shared drive and data practices
- Conducted interviews, wrote affinity notes, constructed affinity wall
- Performed 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 exp graduation 📍 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

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MATLAB, React Native

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SQL, LaTeX

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DESIGN DEVELOPMENT

competitive analysis

prototyping

wireframing

storyboarding

RESEARCH

contextual inquiry

usability testing

experimental design

affinity walls

qualitative analysis

mechanical turk

quantitative analysis

SOFTWARE

Adobe Creative Suite

InVision