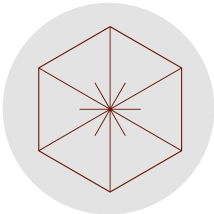# MARYAM SEIFELDIN

MS student in information

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EXPERIENCE

Graduate Research Assistant
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

Teaching Assistant
University of Rochester

📅 Fall 2016 - Winter 2017   📍 Rochester, NY

- Guided students through research-based science project assignment
- Held weekly office hours, fielded student emails, directed exam review sessions, gave two lectures in class
- Worked with instructor to construct & grade exams and quizzes
- Assigned readings & critically reviewed findings, method, and design of the paper with independent study student every week

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
- Published experiments on Mechanical Turk and performed statistical analyses in R
- Trained and managed undergraduate research assistants

PROJECTS

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)

UMich Student Resource Wiki Prototype
University of Michigan

📅 September - December 2018

- Developed website prototype for student wiki site
- Surveyed current students about their needs in the University bureaucratic system & analyzed results to hone prototype
- Developed personas, storyboards, sketches, and paper prototype
- Completed hi-fi prototype in InVision Studio (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   Behavioral Methods

Intensive Programming

PROGRAMMING

Python, R, HTML, CSS, git ●●●●●

MATLAB, Jupyter Lab, JS ●●●●○

SQL, LaTeX ●●○○○

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