

# MARYAM SEIFELDIN

## MS student in information

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## EXPERIENCE

### 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

### Undergraduate Research Assistant

#### University of Michigan

📅 Fall 2012 - 2014    📍 Ann Arbor, MI

- Designed EEG honors thesis using ePrime and MATLAB

## 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

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MATLAB, Jupyter Lab, JS

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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