Sarah Fathelbab

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Blog: https://codingsisters.blogspot.com/

Education

Montclair State University (MSU) - Montclair, NJ   **Sept 2013 - May 2018**

Bachelor of Science in Computer Science; Minor in Arabic Language
Related Coursework: Human Computer Interaction, Software Engineering, Database Systems
Awards:

- Named Dean's List for four semesters
- Awarded "Best Demonstration Speech" among 40 students
- While president of the Muslim Student Association (MSA), awarded the "Top 3 Most Active Organizations" by the MSU Student Government Association

Technical Skills

Programming Languages: Java, Python, HTML & CSS, JavaScript, PHP

Software: StarUML, Axure, Sketch, Atom

UX Design: Target Demographic Interviews, Persona Construction, Scenario Based Design, Qualitative Usability Tests, Lightning Demos, Competitive Research/Claims Analysis, User Interface (UI) Testing, and Think Aloud Protocol

Languages: Fluent in English and Arabic

Projects (2017-2018)

CollegeVibes: UX Design   **Sept 2017 - Dec 2017**

Designed and developed CollegeVibes - an MSU social networking application targeting freshmen commuter students acclimating to a new college lifestyle.

- Managed a team of eight students.
- Organized weekly meetings online and in person to best accommodate the needs of our target demographic.
- Conducted a usability test using the think aloud protocol (link to a YouTube video for this interview here!)
- Received the highest grade in a class of 45 students, split into 8 teams.

e-Commerce Website: ComfyVibes   **Sept 2017 - Dec 2017**

Constructed ComfyVibes - an e-commerce unisex website for online shopping.

- Designed and ran the website utilizing JavaScript, HTML & CSS, and PHP.

Restaurant Website: Take Me to Thailand   **Sept 2017 - May 2018**

Coded and designed a restaurant website, Take Me to Thailand, through which customers could place their order anytime, anywhere.

- Website leverages four user views: Customer, Employee, Manager, Owner.
- Built sequence diagrams, and class diagrams to best meet the needs of the users. For security purposes, password was hashed and encrypted.
- Utilized JavaScript, HTML & CSS, PHP, as well as MySQL for database purposes.

International Internship Experience

Intern for the Arab American Leadership Initiative Foundation (Turkey)   **Summer 2015**

A non-profit organization geared towards shaping a positive and entrepreneurial environment of the young adults.
- Taught English as Second Language in Middle School.
- Interned at a non-governmental organization (NGO), Kimse Yok Mu; visited and delivered food, clothing, and other essentials to families in need.
- Interned for one of the largest clothing brands, Perlina; marketing trainee.

Leadership Experience (U.S. and International Involvement)

- Secretary of Muslim Student Association (MSA) at MSU   **2014 - 2015**
- President of Muslim Student Association (MSA) at MSU   **2016**
- Tutored English to refugee school children in Egypt   **Summer 2013**

Outreach

- Co-creator of Coding Blog, https://codingsisters.blogspot.com/
- Co-creator of Instagram account, Codingsisters
- Guest hosted Instagram story for page @coding to over 70,000 followers