Sahara Fathelbab

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Objective: I am passionate about web development and ensuring that what is created is user friendly and provides seamless navigability for the

end user.

Education: Montclair State University (MSU), Montclair, NJ

Bachelor of Science in Computer Science, May 2018

Dean's List (multiple semesters)

Related Course Work:

Software Engineering, Introduction to Human Computer Interaction, Internet Computing, Database Systems

Relevant Skills: Programming Languages: UX Design:

Java - Persona Construction
 Python - Scenario Based Design
 HTML & CSS - Lightening Demos

JavaScript
 PHP
 Qualitative Visibility Design
 Think Aloud Protocol

- Competitive Research/Claims Analysis

Experience: U.

UX Design: College Vibes

• Created an application for freshman commuter students at Montclair State University.

- Conducted interviews to gather information on how students at Montclair State University go about making friends.
- · Tasked to create the prototype which was then tested by a student using the Think Amount Protocol.

Fitness: Workouts & Nutrition

- · Built a resource to help a friend who was struggling to maintain a consistent workout schedule and healthy diet plan.
- Before creating this, she hadn't used her pockets of free time in a way that would lead to results in terms of her eating habits and physique.
- After creating this health and fitness resource, she was able to maneuver between an array of workouts ranging from three minutes to twenty minutes.

Cryptography

- Created a code and cipher system after being inspired by the book Code Girls in early December 2017.
- Able to enter words, numbers, letters etc. and it is then encrypted.
- Encode a message being sent via email to a peer for security purposes. The peer would need to have the private key the codebook I created- to decipher the message.

Take Me to Thailand

- Created a restaurant website, Take Me to Thailand, which allowed customers to view the items on the menu and place an order accordingly.
- Tasked with creating four views: Employee, Customer, Owner, Manager where the login info entered would direct them to the page(s) they were allowed to access.

Involvements: Member, Muslim Student Association, MSU 2014- 2018

Member, 3D Printing, MSU 2015

Volunteer, Taught English to refugee children, Egypt

Summer 2013

Volunteer, Taught children in local Arabic school how to read, write

2010-2013

and speak Arabic, NJ

Other Interests Creator; Lifestyle blog, <u>saharas-dreams.blogspot.com</u> 2015- Present

Co-Creator; Coding Blog, codingsisters.blogspot.com 2018- Present