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

• 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

Jan. 2018 - Mid-Jan. 2018

· 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 Jan. 2018 - Feb. 2018

• 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

Sept. 2017 - May 2018

 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

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