

Sahara Fathelbab

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EDUCATION:

Montclair State University (MSU), Montclair, NJ

Bachelor of Science in Computer Science, May 2018

Dean's List (multiple semesters)

Related Course Work & Relevant Skills:

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

Programming Languages	UX Design
• Java	• Persona Construction
• Python	• Scenario Based Design
• HTML & CSS	• Lightening Demos
• JavaScript	• Qualitative Visibility Design
• PHP	• Think Aloud Protocol
	• Competitive Research/Claims Analysis

WORK EXPERIENCE:

PLUMDROP

July 2018

Internship

- Maintained company website through Wordpress interface.
- Revamped products layout for outdoor packages.
- Created workflows for different user viewpoints.

PROJECTS:

UX Design: CollegeVibes

Sept. 2017 - Dec. 2017

- Conducted interviews to assess how students at MSU adapt to university life.
- Developed an application to assist freshman commuter students at MSU to make friends.
- Created the prototype which was then tested by students using the Think Aloud Protocol.

Fitness: Workouts & Nutrition

Jan. 2018

- Built a resource to help a friend who was struggling to maintain a consistent workout schedule and healthy diet plan.
- The creation of this Health & Fitness resource allowed my client to allocate her free time to invest in her health and well-being.

Cryptography

Jan. 2018 - Feb. 2018

- Created a code and cipher system inspired by the book *Code Girls* in early December 2017.
- Able to enter words, numbers, letters as well as special characters, and then it is 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	2015
Volunteer, Taught English to refugee children, Egypt	Summer 2013
Volunteer, Taught children in local Arabic school how to read, write and speak Arabic, NJ	2010-2013

OTHER INTERESTS: Creator of Lifestyle blog, saharas-dreams.blogspot.com 2015- Present
 Creator of Lifestyle Instagram, <https://www.instagram.com/thewalkingdesert/>
 Creator of YouTube Channel, <https://youtube.com/saharasdreams>

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

Co-Creator of Coding Instagram, <https://www.instagram.com/codingsisters/>

- Guest hosted on Instagram [@coding](#) to over 700,000 followers.

- **To view Takeover of [@coding](#) account, go to:**

- [Our Instagram Account](#) and view the Highlight titled ‘Takeover’.

- [@coding](#) Instagram Account, under the Highlight ‘#Takeovers’.

Athlete: 5K | 5000M Runner