Maisa Ahmad

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EDUCATION

Hunter College - City University of New York (CUNY)   **New York, NY**
Bachelor of Arts in Computer Science | Minor: Media Production, Mathematics | GPA: 3.4   *Expected*: May 2021

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming in C++, Computer Architecture, Computer Theory, Calculus, Discrete Structures, Web Production, Database Management, iOS Development

Activities/Affiliations: Break Through Tech (formerly WiTNY), BUILT BY GIRLS, Rewriting the Code, Association for Computing Machinery, Women in Computer Science, Muslim Student Association

SKILLS

Programming: C++, C#, CSS, HTML, JavaScript, Python, Swift, SQL and R
Technologies: Adobe Photoshop, Illustrator, IBM Cloud Unity, Blender, and Microsoft Suite
Operating Systems: MacOS, Linux and Windows

PROJECTS

Abida   **April 2020**
- Designed an iOS app targeted towards learning Muslims and converts.
- App keeps track of learning progress and allows users to personalize goals and reminders.
- Uses an API request to return the 5 daily prayer times based on date and location and notifies users when it's time to pray.

Spellcheck   **November 2019**
- Designed and created a spellchecker using one of three probing methods.
- Created a quadratic probing class that implements the quadratic probing method to handle collisions and derived linear probing and double probing classes.
- Used quadratic probing to handle collisions when hashing dictionary and spellcheck words in a document.

Flight Route   **April 2019**
- Designed and implemented a program in C++ that finds a direct route from origin city to destination.
- Used stacks to find the shortest route from one city to another and backtracked when dead ends were found.
- Informed user if no route exists from the starting city to the destination.

EXPERIENCE

WAVE Advisee   **New York, NY**
BUILT BY GIRLS   March 2020 - Present
- Engage in one-on-one advisement meetings every month to gain exposure and skills into the tech industry.
- Receiving support from a personal mentor who is a professional in my interest area.
- Developing the skillset of my advisor's role through a hand-on collaborative project.

Health and Adult Literacy Intern   **Brooklyn, NY**
Make the Road NY   June 2019 – August 2019
- Managed a database of current and former students, organizations, consulates and other job training programs throughout New York City.
- Contacted applicants that qualified for MRNY's Health Job Training course and guided them through the application and testing process.
- Attended events hosted by partners to promote the organization's programs and courses.
- Designed a newsletter for the organization, members and students and interviewed former students for an issue.