**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 GIRLSMarch 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 NYJune 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.