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## MOHAMMAD HOSSAIN

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## EDUCATION

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CUNY Brooklyn College, Brooklyn, NY  
Pursuing Bachelor's Degree in **Computer Science**

Expected Graduation: 5/21

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## RELEVANT COURSES

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- Introduction to Java Programming
- Modern Programming Techniques using Java
- Data Structures
- Design and Implementation of Large-Scale Web Applications
- Discrete Structure

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## SKILLS

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**Programming/Scripting Languages:** (Proficient) Java, HTML, CSS, JavaScript; (Familiar) Python, C++, Scheme;

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## EXPERIENCE

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Koppelman Student Leadership Council, New York, NY

08/28 – Present

### Web Developer

- Lead the front-end development and assists with the back-end programming for the website overhaul.
- Help to achieve a consistent look and visual theme by promoting uniform font, formatting, images, and layout
- Successfully identify and diagnose website issues including broken links and formatting issues.
- Standardize all output with a new, responsive, mobile-first approach and strategy.
- Apply version control software (Git) to track, test, and update pre-existing codes.
- Present new ideas to collaborate the business and the tech students together.

Let's Get Ready, New York, NY

01/19 – 05/19

### Site Director

- Managed SAT prep tutoring site with over 90 students and 16 coaches
- Created and organized rosters, class planners, schedules, materials, debrief sessions, connection events, field trips
- Managed site budgets, plans, dinner, materials, and incentive plans
- Applied new methods and ideas for effective learning by discussing with the students and coaches

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## PROJECTS

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### Text-to-Speech Weather

March 2020 (Winner at Hack Brooklyn)

- Web application for users with visual impairments which takes voice input and return weather data as a voice output
- Implemented OpenWeatherMap API and Mozilla Web Speech API
- Followed Agile methodology throughout the project

### BitUp

December 2019

- Android app to check real-time bitcoin price
- Implemented Bitcoin Average API to collect data
- Implemented LottieFlies JSON animations to make it more user friendly and eye-catching
- Followed MVC design pattern