

## Rasul Mohammad

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### EDUCATION

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<b>Midwood High School at Brooklyn College, Brooklyn, NY</b>	09/2020-06/2024
<ul style="list-style-type: none"><li>• Enrolled in the Medical Science Institute</li><li>• Relevant Courses: AP Statistics, Calculus I</li><li>• GPA: 4.0</li></ul>	

### EXPERIENCE

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<b>Code Nation American Express Fellowship, Fellow</b>	10/2022-Present
<ul style="list-style-type: none"><li>• Participate in a year-long remote program designed to teach underserved high school students advanced web-development skills</li><li>• Complete coding challenges, such as developing a BuzzFeed personality quiz, in order to strengthen JavaScript DOM and event handling skills</li></ul>	
<b>Google, Code Next Live Student</b>	10/2022-Present
<ul style="list-style-type: none"><li>• Participate in a year-round computer science program that hosts extracurricular clubs and workshops intended to provide high school students of color with the skills needed to succeed in their technical careers</li><li>• Prepare for future technical interviews by studying space and time complexity using Big O notation, data structures, algorithms, and collaborative problem-solving using Python</li><li>• Develop a rudimentary JavaScript stock trading algorithm that uses calculus and the Yahoo Finance API in order to advise potential investors</li></ul>	
<b>All Star Code, Summer Intensive Student</b>	07/2022-08/2022
<ul style="list-style-type: none"><li>• Studied modern web-design with HTML, CSS, and JavaScript as part of six-week intensive to promote STEM equality for young men of color</li><li>• Recreated the classic Snake game using Object-Oriented Programming principles to develop real-time multiplayer functionality using p5.js</li><li>• Collaborated with groupmates to design, code, and pitch a capstone project that used multiple APIs to provide users with local weather status</li></ul>	

### PROJECTS

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<b>Weather To-Go   JavaScript, HTML, CSS</b>	08/2022-12/2022
<ul style="list-style-type: none"><li>• Created a website that leverages the OpenWeatherMap API and the Geolocation API in tandem to determine users' current location and display their weather status based on zip code</li><li>• Provided users with relevant weather updates by utilizing numerous fetch API calls to retrieve and interpret data for a 10-day period</li></ul>	

### SKILLS

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- Programming Languages: JavaScript, Python.
  - Front-End Web Development: Responsive Web Design, HTML, CSS, Bootstrap.
  - Back-End Web Development: REST APIs, Firebase.