

Kazi Jamal

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EDUCATION

Stuyvesant High School

September 2016 - June 2020

Stuyvesant Endorsed Diploma June 2020 with Honors in Computer Science | Cumulative GPA: 93.25/100

- SAT: 1540, 790 Math, 750 Evidence-Based Reading and Writing
 - SAT Subject Tests - Mathematics Level 2: 790
 - AP Exams - Computer Science A: 5, Calculus BC: 4
 - *Relevant Coursework:* Annual Introduction to Computer Science, AP Computer Science A, Systems Level Programming, Software Development, Computer Graphics, Artificial Intelligence
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EXPERIENCE

BlockchainsForSchools, *Design Team Executive Director and Web Development Team Member* August 2019 - Present

- Leading the design team to create promotional graphics, marketing material, and website mockups for BlockchainsForSchools, a nonprofit aimed at connecting students with the blockchain industry
- Developing a website (<https://blockchainsforschools.org/>) to promote BlockchainsForSchools and connect the nonprofit with companies such as Microsoft, IBM, and Consensys.
- Developing a web application using the React JavaScript Library to showcase events that BlockchainsForSchools is hosting, allowing users to mark their attendance or get notifications for upcoming events

Google Mentorship Program, *Participant*

January 2020 - June 2020

- Worked with mentors from Google to develop a mobile application for increasing parent engagement in schools by allowing parents to vote on proposals regarding school policy and stay up to date with school events
- Developed the backend of the application by managing a PostgreSQL database and creating a RESTful web API utilizing Node.js and Express.js that the mobile application communicates with
- Developed an administrator web application utilizing Node.js and Express.js that will be used by the school administration to manage proposals and events parents will see on the mobile application

Stuyvesant Spectator Web Department, *Member*

May 2019 - June 2020

- Worked with various web technologies in order to develop and modify the website for the Stuyvesant High School Spectator Newspaper
- Utilized JavaScript, TypeScript, the React JavaScript library, and Git to collaborate on the creation and modification of a website

New York Youth Tech Team, *Instructor and Marketing Team Member*

July 2018 - June 2020

- Taught middle school students an introduction to programming using Scratch and Python
- Guided students through the creation of a final project and judging those projects
- Assisted in the development and modification of a curriculum based on Google's CS First for students which includes various computer science fundamentals such as coordinates, variables, logic, and iteration
- Created a website for the organization using HTML, CSS, the Bootstrap frontend framework, and JavaScript

Bushwick Generator Hackathon-Internship, *Intern*

July 2019 - August 2019

- Built a hybrid decentralized web application to allow parent and student participation in school decisions
 - Used technologies such as HTML, CSS, the Bootstrap framework, JavaScript, Node.js, MongoDB, and Solidity
 - Learned about blockchain and different technologies for decentralized applications by attending workshops
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SKILLS AND INTERESTS

Programming Languages/Technologies: C, Java, Python, Flask, JavaScript, Node.js, Express.js, HTML/CSS, SQL, Git

Computer Hardware: Built two desktop computers and upgraded and repaired various desktop and laptop computers.

Graphic Design and Video Editing: Used software such as Adobe Illustrator and Adobe Photoshop to create logos and other works along with Adobe Premiere Pro and Adobe After Effects to produce videos.