# Kazi Jamal

Contact Information Upon Request | [kazijamal.com](kazijamal.com)

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## EDUCATION

Stuyvesant High School                                                           September 2016 - Present

*Stuyvesant Endorsed Diploma anticipated June 2020*  | Cumulative GPA: 92.24/100

- SAT: 1540, 790 Math, 750 Evidence-Based Reading and Writing
- SAT Subject Tests - Mathematics Level 2: 790
- AP Exams - Computer Science A: 5
- *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

Solon Application, *Co-Founder*                                                   August 2019 - Present

- Developing 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
- Developing 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
- Developing 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 - Present

- Working with various web technologies in order to develop and modify the website for the Stuyvesant High School Spectator Newspaper
- Utilizing 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 - Present

- Teaching middle school students an introduction to programming using Scratch and Python
- Guiding students through the creation of a final project and judging those projects
- Assisting 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
- Creating a website for the organization using HTML, CSS, the Bootstrap 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. Website is live at: [https://solonedu.herokuapp.com](https://solonedu.herokuapp.com)
- Used technologies such as HTML, CSS, the Bootstrap framework, JavaScript, Node.js, MongoDB, and Solidity
- Learned about blockchain, its applications, and integrating different technologies into decentralized applications by attending workshops

StuyHacks (Hackathon), *Participant*                                             January 2019

- Formulated and developed a program that creates a three-dimensional model of an object given photographs of that object from various angles in cooperation with three other students
- Learned about image processing and objects in the three-dimensional coordinate system
- Utilized the Processing open-source graphical library and integrated development environment

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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 3D Modeling:* Used software such as Adobe Illustrator and Photoshop to create logos and other works along with Cinema 4D to create 3D models.