

## **Education**

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**New York University, Tandon School of Engineering** Graduating May 2026

Bachelor of Science, Computer Science Major

GPA: 3.725

Relevant Coursework: Introduction to Programming, Calculus I for Engineers, Engineering and Technology Forum

**Saint John's Preparatory School** September 2018 - June 2022

GPA: 101.294/100

1520 SAT Score (780 math, 740 english)

Relevant Coursework: AP Computer Science, University Calculus I, University Calculus II, AP Calculus, AP Statistics

•AP Scholar With Distinction Award; AP Scholar With Honor Award

•Graduated in the top 8% of my class; overall semester GPA of 95% or above for every semester.

•Was awarded the *Trustees' Award for Excellence in Mathematics* for being ranked 1st in mathematics among the Saint John's Prep class of 2022 (GPA, test scores).

## **Personal Projects**

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### **Sales revenue predictor (Python)**

•Developed a program that reads CSV file containing data of budget allocation to different advertising methods; Uses machine learning, linear-regression to predict sales revenue. Used python libraries (pandas, numpy, sklearn, plotly).

**Personal Website (HTML/CSS)**- <https://alinasrallah.github.io>

•Created a personal website using HTML; Used CSS to style site and make it more appealing; Includes navigation bar where users can access my resume, projects, LinkedIn profile, or send me an email.

### **2022 FIFA World Cup simulator (Python)**

•Developed a program that creates independent simulations of the entire World Cup; Provides match statistics/results for each match. Match results are influenced by the program's utilization of each team's attributes. I used OOP, data structures, statistics, etc.

## **Experience**

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**NYU Biomedical Engineering Society- Undergrad Representative** September 2022 - Present

•Formulated ideas for the organization of BME related academic, professional, research, and social events. Facilitated the organization and execution of a research poster event where professors, PhD students, MD/PhD students, MS students, and undergraduate students from NYU present their BME research.

**National Honor Society- Tutor** November 2021 - May 2022

•Tutored students in algebra I, geometry, algebra II, chemistry, calculus, English, history, living environment, earth science, Python.

**Saint John's Prep Varsity Soccer Team- Starting left-back** August, 2020 - June, 2022

•Helped lead my teammates to a CHSAA Varsity "A" Division Championship Title as a starter. Had seven assists during the fall 2021 season.

## **Leadership**

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•Tackled the problem of individuals with disabilities finding it difficult to pursue competitive sports. Gauged interest in an organization for individuals with disabilities and recruited twelve members for a soccer team.

## **Skills**

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•Python programming

•HTML/CSS

•Google Workspace (Sheets, Docs, Slides)

•Microsoft Excel