

Education

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

- Graduated in the top 8% of my class
- Had an 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

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.

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.

Experience

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

- 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

- Python programming
- HTML/CSS
- Google Workspace (Sheets, Docs, Slides)
- Native fluency in Arabic