Max Shalom

Student at the **Yeshivah of Flatbush**

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EDUCATION

Yeshivah of Flatbush Joel Braverman High School

Expected Graduation: June 2021 | **GPA:** 91

Relevant Coursework: AP Economics, Regents Algebra I & II, Regents Geometry, AP Statistics, AP Computer Science, Business Law, Intellectual Property, Intro to Coding and Web Design, AP Environmental Science

COMMUNITY SERVICE

Chesed Mission — *Israel*

Visited hospitals, daycares, food pantries, schools, centers for special needs children, distributed thank-you packages to soldiers, assisted in food pantries, and mentored at-risk youth during my school's winter break.

WORK EXPERIENCE

Sephardic Community Alliance — *Media Manager*

MARCH 2020 - PRESENT

Responsible for all YouTube content and the editing of many hundreds of recorded classes throughout the year to be shared and distributed online.

NYU Tandon School of Engineering — *Research Assistant, Chunara Lab*

JUNE 2020 - AUGUST 2020 | https://maxshalom.com/arise/

Populations in low socioeconomic communities and geographies usually have a higher burden of cardiovascular diseases (CVDs). Using the National Health Interview Survey (NHIS), I was able to explore public data using industry-standard data science tools and programming languages to find which social factors were most vital in the contraction of a CVD and how to isolate these issues to effectively lower their contraction rate.

ACE Mentorship Program - Team 21, New York, NY — *Intern*

NOVEMBER 2017 - MAY 2018; NOVEMBER 2018 - MAY 2019

Worked with Mechanical, Electrical, and Engineering (MEP) firm, JB&B, to design a new building for the Ellis Island Ferry Terminal in Battery Park from the MEP viewpoint of the project

Worked with Structural Engineering firm, Thorton Tomasetti, to outline a column placement and beam layout for a fitness center commissioned to be built as part of Cornell Tech's new campus on Roosevelt Island

Ultimate Sports Camp, Asbury Park, NJ — *Counselor*

MARCH 2017 - AUGUST 2018; JUNE 2019 - AUGUST 2019

Supervised daily activities and used problem-solving to help assist campers' problems

AWARDS

National Honor Society - 2021

Archon National Service Society - 2021

National AP Scholar - 2020

SKILLS

Fluent in: English and Hebrew

Programs: Proficient in web development, data science and analysis, Microsoft Office, Adobe Creative Cloud, Python basics, and other programming language basics

EXTRACURRICULARS

1. Robotics Team
2. Audio/Visual Squadron
3. Masterpiece Theater Program
4. Drone Club

PROJECTS

Website - Allura Imports Inc: Currently designing and developing an intuitive website, launching in the coming months, for Allura Imports Inc., a children's clothing manufacturer. The website includes animations, an email newsletter, and a contact form, all developed with industry-standard developer tools.

Research on Stock Trading Algorithms: Using Quantopian.com to develop a functional algorithm able to trade securities automatically based on 50 and 200-day moving averages and backtest on historical data.