

EDUCATION

Brooklyn Technical High School, New York, NY

Expected Grad. : June 2022

Chemical Engineering

Overall GPA: 4.00

EXPERIENCE

Participant, **ACS Project Seed Summer Program**

June 2021 - August. 2021

- Learned more about Chemistry-related careers
- Preparing for college
- Took an online course: Foundations of Chemical Safety and Risk Management
- Presented STEM topics to my mentor and peers

Advisor, **Workplace Challenge - SYEP**

July 2020 – Sept 2020

- Collaborated with the Senior Manager of the marketplace operations at Vetterly
- Innovated Vetterly's confusing messaging system by making a simpler user interface which reduced clutter
- Presented our solution to other employees at the company to get **95%** positive feedback

Co-Lead, **IHL Youth Action Campaign**

Sept 2018 – June 2020

- Educated students in our school about IHL(International Humanitarian Law)
- Spread awareness of harmful acts done on medical personnel and infrastructure during war
- Created short animated films and presentations to present in classes throughout the school

LEADERSHIP/EXTRACURRICULAR ACTIVITIES

Executive of ACS Club as Creator of Chem Expo, **ACS**

Sept 2020 – Present

- Self-taught different markup languages: HTML and CSS
- Developed a website where bloggers can post Chemistry articles for the public to view
- Advertised to members of the ACS Club to join as a blogger
- Publishing notes on AP Chemistry for student-use
- Helped out executives in biweekly presentations for club members
- Gathered **19** writers from the BTHS Chemical Engineering major

[Website Link](#) | [Github](#)

Member, **BTHS Science Olympiad**

Sept. 2020 - June. 2021

- Participated in the Chemistry and Forensics block
- Went to weekly meetings to study with my group and prepare for invitationals
- Team received **first place** for Chemistry Lab in the South Regionals.

Secretary and Volunteer, **BTHS Red Cross**

July. 2019 – June. 2020

- Helped with communication (send emails to members to inform and notify them of events)
- Worked with other executives at both school and at the American Red Cross headquarters to plan out youth action campaigns and important events for our school
- Assisted other volunteers at Headquarters such as packing **400+** emergency preparedness kits
- Helped out in marathons (Bike MS)
- **90+** volunteer hours

Member, **BTHS Math Team**

Sept. 2018 – June. 2021

- Participated in several contests hosted by New York City Interscholastic Math League
- Participated in the Purple Comet Contest and AMC 10

Member, **BTHS Makerspace Club**

Nov 2018 - June 2019

- Utilized Autodesk to work on a 3D Model Car
- Helped out with other members' projects

PROJECTS

Chem Expo, New York, NY (**LIVE USERS**)

Sept 2020 – Present

- Developed a website for the BTHS Chem Club for our blog/educational site | Stack: HTML/CSS/JS/Bootstrap and Node.js/MongoDB
- Creating 2 different sides of the website: **admin** and **public**
 - Admins are able to create, edit, and view their own posts.
 - Public will just see the blogs and other information.
- Coded a **real-time search engine** for public to easily search through posts

[Github Link](#)
chemexpo.org

AWARDS ([Link](#))

- AP Scholar Award - August 9, 2021
- Questbridge College Prep Scholar - April 20, 2021
- IHL Youth Action Campaign National Winner (Group Award) - 2019

TECHNICAL SKILLS

Laboratory Expertise, HTML, CSS, Autodesk Inventor, iMovie, Microsoft Office, Processing (Visual Art Coding)

REFERENCES

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