

EDUCATION

NEW YORK CITY COLLEGE OF TECHNOLOGY; Brooklyn, New York: Non-Matriculated Classes **Fall 2025**

MAT 2580: Linear Algebra

MAT 2680: Differential Calculus

PHYS 1117: Astronomy

BASIS INDEPENDENT BROOKLYN; Brooklyn, New York: Graduated - 2025 **GPA: 3.99 & Weighted: 4.80; SAT: 1490**

Advanced Placement Curriculum:

Biology

Physics C: Electricity and Magnetism

Macroeconomics

U.S. Government and Politics

Calculus AB

Physics C: Mechanics

Microeconomics

English Language & Composition

Calculus BC

Computer Science A

U.S. History

English Literature & Composition

Physics 1

2-D Art and Design

World History: Modern

AWARDS & RECOGNITION

- ◆ The Silver Shield of David Award - An internationally recognized award for exemplary leadership.
- ◆ Godol of the Year - An award for presidents who foster a welcoming community and are a role model to all members.
- ◆ Rensselaer Medal - Full tuition four-year merit scholarship.
- ◆ AP Scholars with Distinction (2024, 2025)
- ◆ National Merit Letter of Commendation
- ◆ College Board National School Recognition Award

EXPERIENCE

BioMedical Engineering and Imaging Institute; New York, New York

Research Assistant

September 2025 - Present

- Working with Dr. Akbar Alipour to create a better technique to calibrate MRI machines. The goal is to create a more accurate phantom for MRI calibration, testing, and standardizing imaging across hospitals, as well as assisting researchers in acquiring proper imaging techniques.
- Creating variations and collecting data of phantoms with different quantities of various substances to get a more accurate representation of prostate tissue, to aid in future research of prostate cancer.

FOLDS; Brooklyn, New York

Founder and CEO

June 2025 - Present

- Created individualized enrichment programs for senior centers and assisted living residents. Running weekly classes in three facilities with approximately 20 seniors per class.
- Classes involve teaching origami to individuals with limited mobility, specifically in the arms and hands, serving as an exercise to help slow the progression of debilitating diseases.

ORI-GEN FIRST TECH CHALLENGE TEAM 27552: FIRST ROBOTICS; Brooklyn, New York

Founder and Mentor/Captain

September 2024 - Present

- Founded the First Robotics and led the team to victory at NYC Qualifiers in rookie year (Inspire Award 2025).
- Managed recruitment, held member trainings, and handled team logistics. Led fundraising efforts.
- Fostered teamwork and expanded upon the individual skills of each team member through one-on-one coaching to further their interest and understanding in STEM.
- Coordinated with mentors, school administrators, other FTC teams, and organization heads to promote the team.

BBYO; Brooklyn, New York

Board Advisor (2025), President (2024-25), Vice President (2023-2024), Chapter President (2022-2023) - NY Region

- Led and organized close to 100 regional events and social media campaigns aimed at fostering mental health awareness and nurturing a strong, supportive sense of community among Jewish youth.
- Expanded the membership of the Jewish teen to over 200 active members.
- Assisted in the outreach and programming of conventions that gained attendance of 500 - 5,000 teens, marking them as some of the largest Jewish teen gatherings globally.
- Worked with members and leaders individually to foster leadership and communication skills.
- Raised over \$15,000 to support Jewish youth via scholarships, cultural events, and community programs. Fostered lasting partnerships with community institutions to bolster regional funding and increase programming space.

Skills: Robotics, CAD, 3D Printing, Power tools, Build Equipment, Gel Electrophoresis, PCR, General Lab Equipment

Programming Languages: HTML, Java, Python

Other Interests: Peer-Tutoring (SAT & Core Subjects), Watch design, Origami, Boxing, Photo-Realistic Artistry