

## 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; 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

- ◆ Congressional Proclamation - From House Minority Leader Hakeem Jeffries, recognizing my contributions to the community through both my roles in advocacy and service for mental health awareness and Jewish youth engagement
- ◆ The Silver Shield of David Award - An international award for exemplary leadership and communal involvement
- ◆ Rensselaer Medal - Full tuition four-year merit scholarship
- ◆ National Merit Letter of Commendation
- ◆ AP Scholars with Distinction (2024, 2025)
- ◆ 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