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University Address:
305 Memorial Drive RM
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Cambridge, MA 02139

EDUCATION

Massachusetts Institute of Technology (MIT)	Cambridge, MA
Candidate for Bachelor of Science in Mechanical Engineering	June 2025
State College Area High School	State College, PA
Top 10% of 580 students; 4.6/4.0 (weighted); 3.8/4.0 (unweighted)	June 2021
AP Exams	
Physics C: Mechanics(5), Human Geography (5), Computer Science A (5), Calculus BC (5), US History (5), Physics C: E&M(4)	

LEADERSHIP

MIT Innovation Headquarters	Cambridge, MA
<i>Leadership Team Member</i>	2021-Present
<ul style="list-style-type: none">Work with team to manage the headquarters of MIT's innovation initiative and plan events that encourage innovation and entrepreneurship on MIT campus	
Centre Punch Robotics	State College, PA
<i>Leader of Shooter Design Team</i>	2018-2021
<ul style="list-style-type: none">Led a team of five people to optimize the accuracy and range of a shooting mechanism.Designed and prototyped a turret mechanism	
Charging Station Project	State College, PA
<i>Project Manager</i>	2019-2020
<ul style="list-style-type: none">Led a team of 5 to design and prototype a touchscreen controlled multi-user phone charging station with electronically locking doorsSuccessfully manufactured a prototype during pandemic relying solely on remote collaboration and limited tools	
National Technical Honors Society	State College, PA
<i>Treasurer</i>	2020-2021
<ul style="list-style-type: none">Managed a \$2,000+ budget and assisted the organization of club meetings and events	
Penn State Environmentors	State College, PA
<i>Research Assistant</i>	2018-2021
<ul style="list-style-type: none">Programmed and developed a low-cost internet-connected particulate matter sensor system that was deployed in West Africa to provide data for air quality research in the regionDesigned a graphic user interface for a rocket launch system to assist astrophysicist researchers	
Teaching Middle Schoolers to Code	State College, PA
<i>Curriculum Designer</i>	2020
<ul style="list-style-type: none">Designed an engaging and detailed curriculum tailored to a middle school learning level.Collaborated with 3 peers to teach the curriculum	

HONORS AND ACTIVITIES

• HackMIT Hackathon Finalist	2021
• Interphase EDGE	2021
• First Place in National Environmentors Science Fair (\$2500 Scholarship)	2019
• Patrick Wang \$1700 Grant For Engineering Project	2019
• Hack Pennsylvania Hackathon Best Hardware Award	2019
• Startalk Arabic Academy at Penn State University	2018
• Outstanding Underclass Award for Electrical Engineering	2018

SKILLS

- Java
- Mechanical Design and CAD (Onshape and Inventor)
- Fabrication and Prototyping