




AYUSH CHAKRABORTY

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EDUCATION

Olin College of Engineering Needham, MA

Expected Graduation Date: May 2025

- Bachelor of Science in Engineering: Robotics
- Recipient of 50% tuition merit scholarship
- Recipient of \$10,000 National Merit Corporate Scholarship from Novartis

The Academy for Mathematics, Science, and Engineering Rockaway, NJ

June 2021

GPA: 3.99

- Competitive NJ high school with extensive experience in wood shop, metal shop, and CAD lab
- Heavy emphasis on learning fundamentals of STEM Fields, including Physics and Calculus.



EXPERIENCE

Parabole South Brunswick, NJ

August 2020

- Worked with machine learning models that utilize machine learning algorithms to organize corporate databases and analyze business documents
- Trained in the basics of natural language processing and artificial intelligence

Physics Olympics NJ Section of American Association of Physics Teachers

January 2021

- A state-wide competition where students tackle hands-on physics challenges in a collaborative environment
- Awards: Second Place Overall in 2019 and 2020, First Place in Cartesian Diver in 2020

Rutgers University Summer QuarkNet Program (New Brunswick, NJ)

July 2018

- Analyzed data from cosmic ray detectors and the Large Hadron Collider at CERN Laboratory
- Learned fundamental concepts in particle physics and cosmology

Harvard Pre-College Program (Cambridge, MA)

July 2019

- An immersive experience where high school students live on campus for two weeks and take a full-length college course
- Learned principles of astrophysics and worked in a collaborative, immersive, and transformative environment with peers from across the globe



CLUBS/ACTIVITIES

- Olin Electric Motorsports (Formula SAE)
- Human Interactions Robotics Laboratory at Olin
- Catalyst Entrepreneurship at Olin



SKILLS

Java, Python, Fusion 360, SolidWorks, AutoCAD, OnShape, MATLAB, Certified Lifeguard