Connor J. Moroney

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https://www.linkedin.com/in/connormoroneyprofile/

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

Bachelor of Science in Electrical and Computer Engineering;

May 2028

Additional Major: Engineering and Public Policy

Overall GPA: 3.74/4.0

Paul D. Schreiber High School Port Washington, NY

June 2024

Overall GPA: 4.0 / 4.0

Relevant Courses

Electrical and Computer Engineering, Intro to Engineering and Public Policy, Linear Algebra and Vector Calculus, Fundamentals of Programming, Principles of Imperative Computation

SKILLS

Programming Languages (ordered by proficiency): Python, C, Matlab

Math: Linear Algebra, Calculus 1-3, Physics 1&2

Project Experience

Fundamentals of Programming Term Project

October-December 2024

- Implemented pseudo-3D first person shooter game in Python using raycasting

ACTIVITIES

All University Orchestra, Carnegie Mellon University
Science Olympiad, Carnegie Mellon University
Science Olympiad, Paul D. Schreiber HS

August 2024-present August 2024-present

2020 2024

2020-2024

- President (23-24), Secretary (22-23), Member (20-24)

Children's Orchestra Society

September 2016-June 2024

RESEARCH EXPERIENCE

Math Research (2021-2024)

- 12th Grade: Statistical Estimation of CVaR using Support Vector Regression
- 11th Grade: Creating a Machine Learning Model to Determine Factors That Influence Inflation
 - o Gold Medal, Al Kalfus Long Island Math Fair
- 10th Grade: Using A Cellular Automaton Model To Determine How Traffic Is Affected By The Number Of Lanes
 - o Gold Medal, Al Kalfus Long Island Math Fair

HONORS

- National Merit Commended Scholar
- AP Scholar with Distinction
- Excellence in Calc BC Award
- Jonathan Harris Memorial Award for Excellence in American History