Connor J. Moroney

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www.linkedin.com/in/connorjmoroney

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   August 2024-present
Science Olympiad, Carnegie Mellon University   August 2024-present
Science Olympiad, Paul D. Schreiber HS   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*
  - 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*
  - 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