

Brian Muhic

Website: brianmuhic.github.io | 609-922-6437 | brianmuhic@vt.edu | 769 Bowman Lane, Moorestown, NJ 08057

EDUCATION

Virginia Tech, College of Engineering

B.S. Computer Science, Expected May 2026

Expected Minors: Math and Cyber Security

- 3.43 GPA
- Fall, 2022 - Dean's List
- Relevant Classes: Calculus of a Single Variable, Introduction to Software Design, Software Design and Data Structures, Foundation of Physics, General Chemistry, and Foundations of Engineering.

Moorestown High School, Moorestown, NJ

Honors Graduate, June 2022, GPA: 3.95

- AP Courses: Computer Science A, Computer Science Principles, Physics 1, Physics 2, Literature and Composition, Psychology
- Captain of Varsity Soccer Team

AWARDS AND ACCOMPLISHMENTS

- AP Computer Science A (5 on AP test)
- AP Computer Science Principles (4 on AP test)
- Moorestown High School Computer Science Graduation Award (An award that is voted on by the computer science department to reflect a student with exceptional achievement in the field of computer science)
- Double Category Award Winner at HackDown 2021 Hackathon hosted by Kappa Theta Pi at The College of New Jersey (Best Space App powered by Space Force and Best Sustainability Hack). This project consisted of a multi-purpose environmental sensor system designed to maintain a dynamic equilibrium for confined environments and outer space utilizing an interactive website and sensors.

RELEVANT EXPERIENCE

- Hokie Electric Vehicle Team. Selected to be a member on the advanced propulsion systems sub-team working on optimizing a 2023 Cadillac LYRIQ over the next four years.
- Lockheed Martin Code Quest - Competed against other schools in designing and programming solutions to complex math and science problems
- Honors Robotics Class - Designed and constructed drive trains. Built and programmed robots to achieve a variety of tasks.
- Created a Tetris AI that evaluated all rotations of the current piece and selected an optimal position based on the current layout of the playing board by utilizing different algorithms

EMPLOYMENT

Waiter, Maurizio's Bistro, December 2021-March 2022

Moorestown, New Jersey

- Maintained knowledge of menu items, ingredients and preparation methods to assist guests with menu selection.
- Able to work in a fast-paced environment while maintaining a high level of service.
- Completed opening and closing checklists to ensure smooth restaurant operations.

Child Care, Private Family, September 2020-Current

- Organized creative and fun activities to keep the child engaged and safe.
- Responsible for transporting the child to different places based on the parents' needs.
- Traveled to Greece with the family and took care of the child for 10 days.

SKILLS

- Time Management, Leadership, Problem Solving, Java, Python, MATLAB, JavaScript, Node.js, Ruby, Soldering, Circuit Boards