AIDAN SHARPE

(609) 738-5237 ⋄ Hightstown, NJ

amsharpe102@pm.me ⋄ [Linked In](#) ⋄ [GitHub](#)

EXECUTIVE SUMMARY

Sophomore Electrical and Computer Engineer with 8 years of well-rounded software development experience. I am highly motivated and always looking for opportunities to learn.

EDUCATION

Bachelor of Electrical and Computer Engineering, Rowan University   Expected May, 2025
GPA: 3.71
Dean's List: Fall 2021, Spring 2022
Relevant Coursework: Circuit design and analysis, Computer Architecture, FPGA Programming with Verilog HDL

SKILLS

Programming	C, Python, C++, C# for .NET Xamarin, Java
Electronics	Circuit and PCB Design, Through-hole and Surface Mount Soldering
Hardware Testing	Examines circuits with Waveform Generators, Multimeters, & Oscilloscopes
Robotics	Subsystem command programming, Autonomous behavior, Data & Power Wiring
General Software	Fedora and Debian-based Linux, Windows 10/11, Microsoft Office, Google Office
Soft Skills	Communication, Leadership, Initiative

WORK EXPERIENCE

Laser Fleet Sailing Coach   Jun 2020 - August 2022
Toms River Yacht Club   *Toms River, NJ*

- Lead a group of youth sailors towards racing goals
- Orchestrated lessons and present information through lecture and example

EXTRA-CURRICULAR ACTIVITIES

- Actively document & pioneer proof-of-concept programming projects.   2017 – Present
- Rowan University Intramural Flag Football to balance work and an active lifestyle   Fall 2022
- Rowan IEEE Student Branch Board — Coordinate engineering lessons and workshops   2021 – Present
- Rowan Circle K International   2022 – Present
- FIRST Robotics Competition   2017 – 2021

AWARDS & DISTINCTIONS

- Eagle Scout with Bronze & Gold Palms   2020
- Smart City Innovation Track Winner at 24-hour rapid engineering competition   2022

    Innovated communication with an open-source digital assistant

- National Honor Society & German National Honor Society   Inducted 2020
- Professional Engineering Society of Mercer County — Engineering Student Scholarship   2021
- FIRST Robotics Competition Team Mercury: 1089 Gracious Professionalism Scholarship   2021234