As an experienced leader in programming and electronics, I have developed practical skills in guiding a team to accomplish goals. I was first introduced to coding in the fifth grade, and I have enthusiastically expanded my knowledge to fluency in several of the most widely used programming languages. I have a creative and ambitious mindset, and I am always looking to learn something new.

# rowan University Class of 2025

* Major: Electrical and Computer Engineering
* John H. Martinson Honors College (Fall 2021 – Present)
* GPA: 3.71
* Dean’s List: Fall 2021, Spring 2022

# COMputer & programming Skills

|  |  |
| --- | --- |
| * Debian-based and Fedora-based Linux (9/10) * Windows 7, 10, & 11 (8/10) * Microsoft Office 2007 & 2021 (9/10) * Python, C, C++, & C# (8/10) * Verilog HDL (8/10) * Java (6/10) * SDL2 and STB-Image Libraries for C (7/10) | * Built mobile apps using Xamarin framework * Maintains active and organized GitHub page * Programmed FIRST Robotics Competition robot in Java * PyGame & NumPy Python libraries (8/10) * DE10 Lite FPGA programming (7/10) |

# electronics Skills

* Power and CAN data bus wiring for FIRST Robotics Competition robot
* Designed schematics and printed circuit boards (PCBs)
* Independently designed Arithmetic and Logic Units in Logisim and Minecraft

# Awards & Distinctions

* Eagle Scout with Bronze and Gold Palms (March 2020)
* Rowan IEEE Student Branch Electronics competition: Smart cities track winner (2022)
* Professional Engineer's Society of Mercer County Michael A. Valenti Memorial Scholarship (2021)
* Mercury 1089 Robotics Team Gracious Professionalism Memorial Scholarship (2021)
* National Honor Society & German National Honor Society (Inducted 2021)
* Rowan University Military Appreciation Scholarship (2021 – Present)
* Rowan University Merit Scholarship (2021 - Present)

# ExtracurRiCular Activities

* FIRST Robotics Competition: Programming and Electronics Committee Leader (2017 – 2021)
* Active member of Rowan IEEE Student Branch (Fall 2021 – Present)
* Rowan Intramural Flag Football (Fall 2022 – Present)