

Education

- Cornell University, College of Engineering
Bachelor of Science in Electrical and Computer Engineering, Class of 2026
- Bronx High School of Science, Class of 2022
National Honor Society (2021-2022)

Work Experience

Arista Networks Summer Internship (2021-2024)

- Automation templates
 - Built a Python script to facilitate seamless data transfer between CloudBuilder and CloudVision Studio
 - Engineered a script using Python and Mako to construct Spine-and-Leaf network topologies
 - Delivered and demonstrated reusable templates to colleagues, enabling efficient future use cases
- Dashboard on CloudVision Studio
 - Implemented Python scripts to display and manage tags assigned to connected devices
 - Developed Python-based functionality to visualize and identify active device connections
- Arista's PyAVD
 - Edited Arista's Python package to work on CloudVision Studio with the correct configuration
- Git
 - Utilized Git to interact with and manage configurations on Arista's CloudVision platform
 - Created pull requests after fixing issues on Arista's Git
- Arista L1 Certification
 - Created a comprehensive study plan to guide fellow interns in preparing for the certification exam

Summer Youth Employment Program (2020)

- Created websites using HTML, CSS, and Javascript
- Key presenter in creation of websites

PiPact Independent Research at Massachusetts Institute of Technology (2020)

- Developed and managed a Bluetooth connection between two Raspberry Pi devices
- Designed a program to detect proximity, notifying users when devices are within 6 feet based on Bluetooth signal strength

Certifications

- Arista ACE: L1 Certification
 - Ability to configure basic network based on Leaf-Spine architecture
 - Understanding of fundamental network protocols
 - Apply and configure network on CloudVision

Leadership Experience

- **Cornell Mars Rover Project Team** (Electrical Lead)(2023- Present)
 - Create Printed Circuit Boards(PCBs)
 - Gave and overlooked projects to members of the electrical subteam
 - Communicated with other team leads to oversee related projects
 - Competed in University Rover Challenge(URC)
- **First Robotics Team: 1155 (Sciborgs)** (Electrical Lead)(2016-2022)
 - Formatted and organized the electrical system for the robot
 - Delegated tasks to members of the electrical subteam
 - Communicated with other team leads to manage necessary components and placements on the robot

Volunteer Experience

Lifespire Bowling (September 2019 – 2022)

- Helped people with various disabilities to develop techniques in playing bowling
- Interacted with players to help people with disabilities develop their social skills

East Meadow Challenger (April 2017 – 2022)

- Assisted people with various disabilities to play baseball, including wheelchair-bound players and those with autism
- Helped players practice batting and catching the ball

Relevant Skills

- Java, Python, HTML, CSS, Javascript, Verilog, Git/Github, RISC-V