

# Nicholas D. Stecyna

39 Shuart Lane, Ramsey NJ 07446 | 201-744-6171 | ndstecyna@gmail.com | nstecyna.github.io

---

## Education

**Binghamton University**, State University of New York

**May 2021 expected**

Bachelor of Science, Computer Science

**Major GPA: 4.00/4.00 | Overall GPA: 3.84/4.00 | Dean's List: Fall 2012 – Present**

---

## Technical Skills

**Languages:** Python, C++, Java, C

**Software and OS:** Atom, Eclipse, Git, Logisim, Windows, MacOS, Linux

**Additional:** openpyxl, Pygame, Json, Java web applets

---

## Professional Experience

**Residential Computer Consultant**

Binghamton, NY, **August 2018-Present**

- Addresses problems and questions relating to technology including phones, laptops, and the campus WiFi network for a building of 200+ students on campus
- Communicates with clients and team members by email and phone to solve problems and provide assistance
- Utilizes knowledge of operating systems and software including Windows, MacOS, and Linux, computer networks, and malware removal processes to troubleshoot different devices and maintain the campus network

---

## Projects

**IEEE Mars Rover Project**

Binghamton, NY, **January 2018-Present**

- Develops a mechanical arm for competing in the IEEE Mars Rover Challenge by collaborating with a multi-disciplinary group
- Programs functions for the rover arm that sends the information between motherboard and Arduinos through serialized communication using C++

**Inventory Editor**

Binghamton, NY, **April 2018-June 2018**

- Created a text-based program using Microsoft Excel documents that helped search, edit, and inventory
- Created, edited, and saved Microsoft Excel worksheets by using openpyxl to format them into Python objects

**Escape the Lab, Software Lead**

Binghamton, NY, **November 2017- December 2017**

- Constructed a functioning point and click game using Python that keeps high score times
- Lead a team of three programmers utilizing Pygame and Json libraries to create an escape the room game
- Planned and coordinated meetings and created a progress chart to outline production

---

## Leadership Experience

**CoRE Residential Community, CoREtex Manager**, Binghamton, NY

**August 2018-Present**

- Collaborates using email and meetings with E-Board and members to run campus events including Escape the Room, CoRE LoRE, and CoREBQ
- Coordinates storage for members and alumni, and uses Microsoft Excel to maintain inventory of library, hardware, and personal items

**Boy Scout Troop 31 Ramsey, Eagle Scout and Assistant Scoutmaster**, Ramsey, NJ

**January 2017-Present**

- Supervised younger scouts on weekly troop meetings, camping trips, and fundraisers to ensure safety
- Completed requirements including community service, troop leadership, and an Eagle Scout project to reach Eagle Scout rank

**O'Connor Python Presentation**, Binghamton, NY

**February 2018-March 2018**

- Presented basic Python skills and code, including Microsoft Excel/Python implication, for 30+ students

**Eagle Scout Project, Project Manager**

Mahwah, NJ, **April 2016-October 2016**

- Updated and expanded potable water system of Camp Glen Gray
- Presented to a committee with a poster board for approval, and after the project was completed
- Managed and coordinated 30 volunteers for 3 days and accumulated 181 total work hours for the project

---

## Employment

**Boy Scout Camp NoBeBoSco, Trading Post Manager**

Hardwick, NJ, **June 2014-August 2018**

- Managed a team of 6 who served more than 400 people daily and surpassed the previous gross value record of \$80,000, achieving \$85,000 in sales each summer
- Directed the setup, cleaning, restocking, and organization of 6 employees in the Trading Post every day
- Performed training of new staff each week, while collaborating with other staff members to ensure that camp-wide activities ran smoothly and as planned

---

## Organizations & Awards

**Phi Eta Sigma Freshman Honor Society, Member**

Binghamton, NY, **September 2018-Present**

**IEEE Student Chapter, Arm X Team Software Member**

Binghamton, NY, **January 2018-Present**

**SHPE Student Chapter, Member**

Binghamton, NY, **January 2018-Present**

**ACM Student Chapter, Member**

Binghamton, NY, **August 2017-Present**

**HackBU, Member**

Binghamton, NY, **August 2017-Present**

**Boy Scout Troop 31, Ramsey NJ, Eagle Scout**

Binghamton, NY, **January 2016-Present**