

# Nicholas D. Stecyna

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

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## Education

**Binghamton University**, State University of New York  
Bachelor of Science, Computer Science

June 2021 expected

**Watson College of Engineering Dean's List: Fall 2018 – Present**

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## Technical Skills

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

**Software and OS:** Git, Gitlab, Ubuntu, Windows, MacOS, Kali, VMWare, Cobalt Strike, Metasploit, VMWare vSphere

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## Professional Experience

### ACE Program Graduate Assistant

Rome, NY, **November 2019-August 2020**

*Assured Information Security / Air Force Research Lab*

- Restructured an intensive cyber security summer bootcamp to run offline between the United States and the United Kingdom
- Conducted a simulated cyber war between three teams through the battlespace network to foster leadership and cyber security experience
- Mentored 29 interns for 7 weeks through online communication to coach cyber security and leadership skills
- Constructed a virtual battlespace network and hackable network enclaves for interns to traverse and practice cyber techniques

### ACE Program Cyber Security Intern

Rome, NY, **May 2019-August 2019**

*Assured Information Security / Air Force Research Lab*

- Conducted research and developed offensive hacking tools for the NSA
- Solved cyber security problems and communicated solutions to management and peers
- Collaborated with teammates in a simulated cyber war to develop simulation vehicle tools and conduct cyber attacks

### Residential Computer Consultant

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

*Binghamton Information Technology Services*

- Address problems and questions relating to technology including phones, laptops, and the campus WiFi network for a building of 200+ students on campus
- Communicate with clients and team members by email and phone to solve problems and provide assistance
- Utilize 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

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## Projects

### 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

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## Leadership Experience

### HackBU Organizer, Binghamton, NY

**August 2019-Present**

- Organized management and logistics for HackBU, a hackathon attended by 300+ students yearly
- Developed and led workshops to teach programming skills to students through presentations and coding topic tutorials

### 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

### 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

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## 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

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## Organizations & Awards

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

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