

Nicolas Rossi (He/Him)

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PROFILE

Cybersecurity student pursuing a B.S. in Cybersecurity with a minor in Business. Experienced in ethical hacking, vulnerability assessment, and securing digital systems through hands-on labs, competitions, and IT support roles. Strong foundation in network defense, service hardening, and offensive security fundamentals through NCL and NECCDC-style environments. Seeking cybersecurity internship opportunities with a long-term goal of penetration testing.

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems New York, NY
B.S. in Cybersecurity, Minor in Business | GPA: 3.89 May 2028

TECHNICAL COURSEWORK

AP Computer Science Principles | AP Computer Science A | Introduction to Computer Science | Object-Oriented Programming | Mathematical Structures for CS | Web Design for Non-Profit | Introduction to Cybersecurity | Computer Organization | Information Security Management | Database Management

BUSINESS COURSEWORK (Minor)

Principles of Economics: Macroeconomics & Microeconomics | Financial Accounting

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, C#, JavaScript, HTML, CSS

Cybersecurity Tools & Software: Wireshark, Burp Suite, Nmap, OWASP ZAP, tcpdump, Splunk, Windows Event Viewer, Kali Linux, Ubuntu Linux, PowerShell, Bash, Git/GitHub, VS Code, Cisco AnyConnect, FileZilla

Operating Systems: macOS, Windows 10, Linux (Kali/Ubuntu), UNIX

Cybersecurity Labs/Platforms: TryHackMe, Hack The Box

Hardware: PC assembly, Troubleshooting, and Networking Fundamentals

Web & UI Skills: Responsive Design, Usability Principles, Accessibility Awareness, UI Layout, Mobile-First Design

Certifications: ISC² Certified in Cybersecurity (CC)

PROFESSIONAL EXPERIENCE

Pace University New York, NY
ITS Tech Zone & Client Support Office Student Assistant November 2025 - Present

Provide front-line IT support to students, faculty, and staff in person, by phone, and through the university help desk.

- Troubleshoot and resolve **hardware, software, and network connectivity** issues across Windows, macOS, and mobile devices.
- Resolved help desk tickets through university IT support systems, ensuring timely issue resolution and user satisfaction.
- Assist users with **printing services, account activation, and Pace systems** such as MyPace Portal, Email, and university-licensed applications (e.g., Microsoft Office, SPSS).
- **Image and prepare new desktops and laptops** for deployment to ITS labs and faculty/staff offices.
- Conduct **diagnostics and maintenance** on lab PCs and Macs, ensuring full system functionality and reliability.
- Maintain organized and clean computer lab environments while providing **courteous, professional customer service** and timely follow-ups.

Skills: Help Desk Support · Hardware & Software Troubleshooting · Network Connectivity · Computer Imaging · Customer Service · Windows · macOS · Mobile Devices

Previous Work Experience

Team Lead - Panera Bread, Huntington Station, NY August 2022 - June 2024

- Led front-line operations including customer service, cash handling, and training new employees while ensuring a fast-paced team environment ran efficiently.

Sales Associate - Cross Island Fruits, Lynbrook, NY Seasonal 2020 - 2024

- Assisted customers, maintained product displays, and handled transactions with accuracy and professionalism.

Phonebanker - Legion Consulting Firm (Remote)

June 2025 - July 2025

- Contacted potential voters and recorded outreach data, demonstrating strong communication skills and attention to detail.

TECHNICAL PROJECTS / COMPETITIONS

Machine Learning Phishing Detection System — Primary Developer

Python, Scikit-learn, Pandas, GitHub, Cybersecurity Analytics

- Built an end-to-end phishing detection system that achieved **~98% accuracy** by engineering a full URL feature extraction pipeline, creating balanced phishing/benign datasets (PhishTank + Tranco), developing modular Python scripts for data processing, feature engineering, model training, and evaluation (confusion matrix, precision/recall), and independently managing the entire GitHub workflow despite the project being assigned to a group.

NCL Cybersecurity Competition - Fall 2025 Individual Game

- Competed in the National Cyber League Individual Game, ranking **639th out of 7,876 participants nationwide** and **1st out of 13 within Pace University's Cybersecurity Club**. Excelled in open-source intelligence (OSINT), log analysis, password cracking, scanning and reconnaissance, and cryptography, while also demonstrating strong skills in network traffic analysis. Gained hands-on experience across diverse domains, including digital forensics, vulnerability assessment, enumeration, and web application security.

Portfolio Website [HTML, CSS, and JavaScript]

- Built a **responsive, user-focused portfolio website** using HTML, CSS, and JavaScript, emphasizing **intuitive navigation, clean UI layout, and mobile-first design** across multiple pages (Home, About Me, Projects, Resume, Contact).

Non-Profit Website [HTML, CSS, and JavaScript]

- Collaborated with a team to design and develop a user-friendly non-profit website, prioritizing clear information hierarchy, accessible UI components, and responsive design to improve user engagement.

Fitness Club Website [HTML, CSS, and JavaScript]

- Designed and developed a multi-page fitness website with a focus on **usability, visual consistency, and intuitive user experience**, ensuring **responsive layouts** across desktop and mobile devices.

Dog Recommendation App [Code.org]

- Developed an interactive app to suggest dog breeds based on user-selected traits (e.g., active, mellow, big, small).

Pong Game [Java]

- Recreated the classic arcade game *Pong* in Java with guidance from my high school teacher, demonstrating fundamental programming and game development skills.

ACTIVITIES / ADDITIONAL TRAINING

Pace University's NECCDC Cyber Defense Team, Member

December 2025 - Present

- Selected to represent Pace University in the Northeast Collegiate Cyber Defense Competition (NECCDC), participating in defensive security preparation, incident response practice, and team-based cyber operations.

Pace Cybersecurity Club, Member

March 2025 - Present

- Participate in hands-on cybersecurity labs, CTF challenges, and discussions on topics like ethical hacking, network security, and digital privacy.

ISC² Member

January 2026 - Present

- Professional member of ISC², adhering to industry standards and engaging in ongoing professional development.