

Nicolas Rossi (He/Him)

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PROFILE

Cybersecurity professional pursuing a B.S. in Cybersecurity with a minor in Business. Experienced in ethical hacking, vulnerability assessment, and securing digital systems. Skilled in collaborating on team projects, resolving technical challenges, and implementing strategies to strengthen online security defenses.

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems
B.S. in Cybersecurity, Minor in Business | GPA: 3.86 New York, NY
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: VSCode, Wireshark, Burp Suite, Cisco AnyConnect, FileZilla, Eclipse IDE, Sublime Text, GitHub, Replit

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

Cybersecurity Labs/Platforms: TryHackMe, Hack the Box

Hardware: PC assembly, Troubleshooting, and Networking Fundamentals

Certifications: ISC² Cybersecurity Certification (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.
- 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 — Solo 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, ROC curves), 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 7,866 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 portfolio website from scratch featuring multiple pages: Home, About Me, Projects, Resume, and Contact.

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

- Collaborated with classmates to build a non-profit website promoting clean air in Lower Manhattan. Coded entirely with HTML, CSS, and JavaScript, the site includes pages such as Home, Issues at Hand, Take Action, and Contact.

Fitness Club Website [HTML, CSS, and JavaScript]

- Designed and developed a multi-page fitness website using HTML, CSS, and JavaScript, including sections for Home, About Us, Classes, Nutrition, and Contact.

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 Cybersecurity Training, Candidate

March 2025 - Present

- Engaged in the ISC² Certified in Cybersecurity (CC) training to gain foundational knowledge in threat detection, network defense, risk management, and incident response.