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

ORGANIZATIONS

ISC² Member   January 2026 - Present
Pace University's NECCDC Cyber Defense Team, Member   December 2025 - Present
Pace Cybersecurity Club, Member   March 2025 - Present

TECHNICAL SKILLS

Programming Languages: Python, SQL, 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

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), while managing the core development workflow, repository structure, and documentation as the primary contributor.

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).

Blue Skies Manhattan - 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.

TECHNICAL COMPETITIONS

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.

NECCDL Cyber Defense Competition   Jan 2026 - Present
- Selected to represent Pace University in the Northeast Collegiate Cyber Defense Competition (NECCDC); advanced to regional competition and engaged in defensive security operations, including incident response, system hardening, and coordinated team-based cyber defense.