

# Nicolas Rossi (He/Him)

New York, NY 10038 | [nicolas.g.rossi@pace.edu](mailto:nicolas.g.rossi@pace.edu) | 631-617-0958 | [LinkedIn](#) | [GitHub](#)

## 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 New York, NY  
**B.S. in Cybersecurity, Minor in Business | GPA: 3.86** 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:** ISC<sup>2</sup> 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.

### ISC<sup>2</sup> 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.