# Michael Bhardwaj

**Objective:** Driven honors student at RIT with a 3.8 GPA, specializing in Cybersecurity, looking for a Spring 2026 co-op. Open to relocation.

#### Education

#### Rochester Institute of Technology (RIT)

Aug. 2023 - May 2027 (expected)

Bachelor of Science in Cybersecurity

Minors in Mathematics, Networking and Systems Administration

Rochester, NY - 14623

GPA: 3.7 Honors Program Dean's List (6 consecutive semesters)

# Qualifications

• Winner, Collegiate Cyber Defense Competition (CCDC) at RIT

November 2024

• AI CTF Section Champion, MLH Global Hack Week: AI/ML

February 2025

• Special Recognition, NVIDIA Hackathon at ODSC West Conference

October 2024

• Google Cybersecurity Professional Certificate

July 2024

• IBM Cybersecurity Analyst Professional Certificate

July 2024

## Experience

#### **TOPTICA Photonics Inc.**

May 2025 - Aug. 2025

Data Virtualization Intern

Pittsford, NY

- Developed and implemented interactive dashboards using Power BI for real-time project and sales tracking
- Automated production and reporting workflows to improve data accuracy and reduce manual tasks
- Supported data integration between Qlik, Power BI, and Microsoft Dynamics NAV
- Liaised with German HQ to coordinate backend data access and resolve reporting issues
- Provided technical support through the IT ticketing system and assisted with troubleshooting

#### Rochester Institute of Technology

Aug. 2024 - March 2025

Supplemental Instruction Leader (GCIS 123, GCIS 124, MATH 171)

Rochester, NY

Rochester, NY

Rochester Institute of Technology

Aug. 2024 – Dec. 2024

Teaching Assistant (CSEC 140)

May 2022 - May 2023

GrowRex - The Crypto and Web3 Growth Agency

Remote

Video Editing Supervisor

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Freelance Video Editor June 2019 – Present

Remote

**Projects** 

# Network Vulnerability Assessment

2024

- Executed a thorough vulnerability analysis using Nmap, Nessus, and Wireshark.
- Diagnosed security flaws and recommended actionable fixes as part of a Google Cybersecurity course project.

#### Web Application Penetration Testing

2024

- Conducted security testing on a mock e-commerce platform.
- Identified critical vulnerabilities such as SQL injection and cross-site scripting using OWASP ZAP and Burp Suite.

### LinkedIn Scraper

2024

• Developed a Python-based automation tool to extract LinkedIn data, boosting network connections from 14 to 197 within a week.

## Game Development Projects

- Designed a terminal-based RPG using Bash/Python with progressive levels and efficient algorithms.
- Developed a Pygame platformer featuring original artwork, custom music, and a storyline promoting animal
  conservation.
- Built a multiplayer, music-themed game with Java, Angular, and CSS, merging interactive play with creative design.

# Campus Involvement & Volunteer Work

Honors Council (Academic Excellence Chair and International Delegate), Global Union (International Liason), Society of Banned Books (Vice-President); Signatures Art and Literay Magazine (Literary Team), Wordsmiths Writing Club (E-board), Phi Sigma Pi Honors Fraternity (Fundraising Chair), RITSEC, Game Development Club, RKS, Goodbye-Goodbuy Sale (Volunteering Captain), Antique Book Restoration (Volunteer), Sphynx Cats Feline Rescue Shelter (Volunteer).