

KRIPESH ACHARYA

kacharya@mercy.edu | (475) 321-9547 | New York, NY 11101 | [LinkedIn Profile](#) | [Portfolio](#)

OBJECTIVE: Aspiring cybersecurity expert dedicated to bridging the gap between emerging threats and robust security solutions, eager to embrace new challenges and drive impactful results.

EDUCATION

Mercy University, Dobbs Ferry, NY August 2023 - December 2024
Master of Science in Cybersecurity

- GPA:** 4.0
- Specialization:** C/C++, Python, Networking & Data Communication, Database Security, Information Assurance & Management, Firewall & Intrusion Detection, Digital Forensics, Applied Cryptography, Wireless Network Security

Leeds Beckett University, United Kingdom January 2021 - April 2022
Bachelor of Science in Computing

- GRADE:** First Class Honors
- Specialization:** Intelligent Systems, Digital Security, Advanced Database System, Advanced Web Engineering

International School of Management and Technology, Kathmandu, Nepal January 2018 - March 2020
Associate of Science in Computing

- Specialization:** Java, Networking, Cloud Computing, Network Security, SDLC, Project Management, Web Development, Client/Server Computing, Network Management

TECHNICAL SKILLS

Languages: C, C++, Python, PowerShell, SQL, HTML

Tools & Technologies: Linux, Vulnerability Management, Threat Analysis, Open-Source Intelligence, Network Analysis, Cryptography, Forensic Analysis, Microsoft Tools, Splunk, SIEM, SOAR, GitHub, IAM, Encryption, Hashing, AWS security, EDR, Log Analysis and Management, Firewalls, Intrusion Detection Systems, Security Monitoring, Zero Trust, Network Protocols

Other Skills: Time Management, Problem-Solving, Leadership, Project Management, Communication, Teamwork, Attention to Detail

Certification: CompTIA Security+ (Ongoing), ISC2 Certified in Cybersecurity, CISCO Ethical Hacker, Security Blue Team Junior Analyst Training, NIST Risk Management Framework (RMF), CNSS Certified Network Security Specialist

WORK EXPERIENCE

Vianet Communications, Lalitpur, Nepal January 2020 - December 2022
Network Security Analyst

- Monitored network traffic and security alerts for real-time threat detection and response.
- Configured and maintained security devices such as firewalls, intrusion detection/prevention systems, VPNs, and endpoint protection solutions to protect the organization's network.
- Provided training and support to staff on best practices and protocols, fostering a culture of security awareness throughout the organization.

Visva Technikos, Kathmandu, Nepal August 2019 - November 2019
Web Developer Intern

- Developed 3 secure web applications for clients, implementing protections against SQL injection, XSS, and CSRF vulnerabilities.
- Collaborated with stakeholders to align applications with business needs and security standards.

PROJECT HIGHLIGHTS

- Investigating Compounding Threat Trends on National Critical Infrastructure | Sandia National Laboratories
- Azure Solutions Architect Expert Bootcamp (AZ 305) | Mike Gibbs
- Home Lab Setup & SIEM Implementation using Splunk
- Configuring Snort and Creating Detection Rules for Network Traffic and Attack Patterns
- Developing Red Team Reports
- Cybersecurity Awareness Training Delivery
- Firewalls and Intrusion Detection Systems Configuration