KRIPESH ACHARYA

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OBJECTIVE: Aspiring cybersecurity expert with a passion for continuous learning, looking to enhance my skills and contribute to innovative security solutions.

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
Help Desk Technician

- Monitored and conducted troubleshooting of computer systems
- Investigated and resolved security issues, including configuring and troubleshooting VPNs, firewalls, IDS/IPS systems, and endpoint security, to enhance overall network protection.
- Installed patches, software updates, and security configurations on user devices, ensuring systems remained compliant with security standards.
- Resolved over 6000+ technical Issues, improving service efficiency and customer satisfaction.

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