KRIPESH ACHARYA

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OBJECTIVE: Aspiring cybersecurity professional seeking to apply my skills in mitigating cyber risks and addressing security gaps. Graduating with a Master of Science in Cybersecurity from Mercy University in December 2024.

EDUCATION

Mercy University, Dobbs Ferry, NY   Expected December 2024

Master of Science in Cybersecurity

- **GPA**: 4.0

Relevant Courses: Intermediate Programming C, C++, Networking & Data Communication, Distributed Database/Security, Info Assurance & Management, Internet Media & Security, Firewall & Intrusion Detection, Topics in Info Security, Forensic Computing, Applied Cryptography

The British College (Leeds Beckett University), Kathmandu, Nepal   April 2022

Bachelor of Science in Computing

- **GRADE:** First Class Honors

Relevant Courses: Intelligent Systems, Digital Security, Advanced Database System, Advanced Web Engineering, Production Project

International School of Management and Technology, Kathmandu, Nepal   March 2020

Associate of Science in Computing

Relevant Courses: Java, Networking, Database Design, Cloud Computing, Network Security, Software Development Life Cycle, Web Development, Client/Server Computing, Network Management

TECHNICAL SKILLS

Languages: C, C++, SQL, HTML

Tools & Technologies: Red Hat, Vulnerability Assessment, Threat Analysis, Open-Source Intelligence, Network Analysis, Applied Cryptography, Forensic Computing, Microsoft Tools.

OTHER SKILLS: Time Management Skill, Problem-Solving Skills, Leadership, Project Management, Strong verbal and written communication skills, Ability to work independently and in a team, Attention to detail

CERTIFICATIONS

ISC2 Certified in Cybersecurity, SBT Blue Team Junior Analyst Pathway, CISCO Junior Cybersecurity Analyst Career Path, NIST Risk Management Framework, ICSI|CNSS Certified Network Security Specialist

EXPERIENCES

Vianet Communications, Jawalakhel, Lalitpur Nepal   March 2020 - November 2021

Technical Support Executive

- Provided expert technical support to customers on Internet, Devices, and Security-related issues while actively Monitoring Network Traffic usage for optimal customer experience and Resolved 5000+ Customer Technical Issues.

Visva Technikos, Shankhamul, Kathmandu Nepal   August 2019 - November 2019

Web Developer Intern

- Designed and developed 4 web applications for different clients collaborating with external stakeholders to serve their complex business needs.

PROJECT HIGHLIGHTS

- Working with MITRE Team on Efficacy of LLM Powered Malware Obfuscation (v1)
- Working with Sandia National Laboratories on Investigating Compounding Threat Trends on National Critical Infrastructure (v1)
- Working with the National Security Agency on Developing Scanning the Matrix: Harnessing Automation for Vulnerability Scans (v1)
- Configuring Snort and creating detection rules for network traffic and attack patterns, Developing comprehensive Red Team reports, Delivering cybersecurity awareness training, and Configuring firewalls and intrusion detection systems