

# 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, Wireless Network Security

**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++, Python, SQL, HTML

**Tools & Technologies:** Red Hat, Vulnerability Assessment, Threat Analysis, Open-Source Intelligence, Network Analysis, Applied Cryptography, Forensic Computing, Microsoft Tools, Monitoring Logs and Alerts, IAM Technologies, Azure / AWS Foundations, Splunk, Logs Management and Monitoring, GitHub, Slack

**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, CISCO Ethical Hacker, SBT Blue Team Junior Analyst Pathway, CISCO Junior Cybersecurity Analyst Career Path, NIST Risk Management Framework, CNSS Certified Network Security Specialist

## EXPERIENCES

**Vianet Communications**, Jawalakhel, Lalitpur Nepal

March 2020 - December 2022

*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 Sandia National Laboratories on Investigating Compounding Threat Trends on National Critical Infrastructure (v1)
- Home Lab Setup & SIEM Implementation using Splunk
- Configuring Snort and creating detection rules for network traffic and attack patterns
- Developing comprehensive Red Team reports
- Delivering cybersecurity awareness training
- Configuring firewalls and intrusion detection systems