

RONAK BAJRACHARYA

CYBERSECURITY INTERN

A passionate and motivated individual with a strong interest in cybersecurity, seeking an internship opportunity to gain hands-on experience in the field. Currently pursuing a Bachelor's Degree in Ethical Hacking and Cyber Security at Softwarica College of IT and E-commerce. Eager to contribute to the security efforts of a forward-thinking company/organization and learn from experienced professionals in the industry.

TOOLS & SOFTWARE

Python
Linux
Cisco Packet Tracer
Ida
XAMPP
PHP
MySQL

SKILLS

Team work
Can work under Pressure
Quick Learner
Flexible to work with
Problem solver

CONTACT

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EDUCATION

BSC.(HONS) ETHICAL HACKING AND CYBER SECURITY 2021-2023

Softwarica College of IT and E-commerce
Dillibazar, Kathmandu, Nepal

CRIME INVESTIGATION AND ANALYSIS

2023

The course covered guarding, searching, and documenting crime scenes, gathering, packing, and preserving evidence, emphasizing chain of custody's legal importance and analyzing crime scene evidence with various tools and strategies.

PROJECTS

QUANTUM RESISTANT CRYPTOGRAPHIC MEASURES

Researched and developed a prototype cryptographic system using quantum resistant cryptographic key exchange protocol in order to protect sensitive information from quantum-based attacks.

NETWORK ARCHITECTURE DEVELOPMENT

Designed and developed prototype network architecture for a connection between two different networks utilizing various routing protocols and VPN with major focus on data security

MALWARE ANALYSIS AND EXPLOIT DEVELOPMENT

Statically and dynamically analyzed malwares for its various components and applied mitigation measures. Inversely found vulnerabilities in an application and developed exploits for the vulnerability.