

Ashutosh Khanal Upadhyay

✉ +9779847445877 @ uashutoshk@gmail.com ↗ <https://uashutoshk.com.np>

Profiles

⌚ [asup20cs](#)

linkedin [asup20cs](#)

Summary

As a graduate with a Bachelor of Engineering in Computer Science and Engineering, I am eager to secure an opportunity to gain practical experience in my chosen field. I am now keen to apply my knowledge in a professional setting to further enhance my skills and understanding.

Experience

Innovate Intern

Cybersecurity and Ethical Hacking Intern

Feb 2024 - April 2024

Remote

- Acquired comprehension of cyber security principles, ethical hacking, and vulnerability assessment.
- Gained proficiency in utilizing various tools and technologies such as OWASP ZAP and Metasploit for conducting penetration testing and vulnerability assessment.

VaultOfCodes

Web Development Intern

Oct 2023 - Nov 2023

Remote

- Grasped the fundamental concepts of web development.
- Contributed to the maintenance and construction of the company's website.

Education

CMR Institute of Technology

Computer Science Engineering

7.49 CGPA

Dec 2020 - June 2024

Bachelor of Engineering

Everest English Boarding Higher Secondary School

Science

3.02 GPA

2018 - 2020

Projects

Web Server Using Raspberry Pi

Constructed a media server with a Raspberry Pi

- Gained insights into IoT concepts.
- Acquired knowledge of media server functionality, including media management, hosting, and availability.

Currency Recognition App

Desktop app to recognize currency, its country, denomination and fetch available exchange rates

↗ <https://github.com/asup20cs/CurrencyRecognitionApp>

- Grasped concepts such as dataset creation and data cleaning.
- Developed proficiency in machine learning algorithms through the creation of a model achieving 92% accuracy in detecting Nepali and Indian currencies.
- Learnt to develop GUI applications in Python and integrate trained models for currency prediction

Technical Skills	Python ● ● ● ○ ○	C ● ● ○ ○ ○	Office Suite ● ● ● ● ○	AWS ● ● ○ ○ ○	Azure ● ● ● ○ ○
	Linux ● ● ● ● ○	UI/UX ● ● ○ ○ ○	Docker ● ● ● ○ ○	Git and Github ● ● ● ○ ○	My SQL ● ● ● ○ ○
	DevOps ● ● ○ ○ ○	BASH ● ● ● ● ○			
Courses and Certifications	Linux Fundamentals LearnQuest on Coursera				July 2022
	Foundations of UX Design Google on Coursera				Feb 2022
	Operating Systems and You: Becoming a Power User Google on Coursera				Oct 2021
	IT Security: Defense against the digital dark arts Google on Coursera				Jan 2023
Personal Details	Date of Birth 25/05/2001				
	Gender Male				
	Nationality Nepali				
	Address Ramgram-3, Parasi, Lumbini State, Nepal				
	Languages Known English, Nepali, Bhojpuri, Hindi				
References	Dr. Preethi Sheba Hepsiba Professor ☞ https://scholar.google.com/citations?user=4deHgmcAAAAJ&hl=en Email: preethi.hepsiba@gmail.com Phone: +918028524466				
	Dr. Sanchari Saha Professor ☞ https://scholar.google.com/citations?user=1oMmkIIAAAJ&hl=en Email: sanchari.s@cmrit.ac.in Phone: +919886079563				