Aakash Rana, Aspiring Computer Engineer

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LINKS

Twitter/X: https://x.com/AquariusAakash   **GitHub:** https://github.com/aakashrana007

LinkedIn: https://linkedin.com/in/aakashrana7   **Instagram:** https://instagram.com/aakashhrana_

PROFILE

Passionate and dedicated Computer Engineering student currently pursuing my degree at Kantipur Engineering College. Fueled by a deep interest in the dynamic world of technology, I am eager to apply my theoretical knowledge and practical skills to solve real-world problems and make meaningful contributions to the field. Committed to continuous learning and staying abreast of emerging trends to thrive in the ever-evolving landscape of technology.

EXPERIENCES

Oct 2023

Computer Club, Kantipur Engineering College

- **KEC LITE 2024 Event Management**: Played a key role as a Marketing and Media Manager, coordinating major events including the Hackathon. Developed and implemented marketing strategies, negotiated and secured sponsorship deals, and created engaging social media content.
- **Mentorship**: Conducted mentorship sessions at various colleges, instructing students on AI and prompt engineering.
- **Collaboration and Event Organization**: Collaborated with external organizations to organize bootcamps and events frequently in college, fostering a collaborative and educational environment.
- **Teamwork and Leadership**: Exhibited strong teamwork, planning, and leadership skills, efficiently leading initiatives and coordinating with team members for successful event execution.

EDUCATION

Apr 2022

Bachelors of Engineering , Kantipur Engineering College   Lalitpur

Currently pursuing my Bachelors of Engineering degree in Computer Technology.

SKILLS

HTML	C/C++	OpenCV
CSS	JavaScript	Matplotlib
Python	Pandas	Machine Learning
Git	Numpy	Selenium

PROJECTS

Sign Language Decoder | Python, ML

In partnership with my team, I spearheaded the development of a Python-based Sign Language Decoder, which we proudly showcased during the *KEC LITE 2024* project demonstration. Our innovative system harnesses the power of machine learning algorithms to meticulously train and accurately interpret sign language gestures in real-time. We aim to create intuitive interfaces to enable effortless communication between sign language users and non-users.

Network Intrusion Detection System | ML(Random Forest)

I am developing a Network Intrusion Detection System for my academic project using the random forest algorithm. This system analyzes network traffic to detect and classify potential threats, aiming to enhance security by identifying anomalous patterns and suspicious activities. The random forest algorithm helps achieve high accuracy in distinguishing between normal and malicious behavior.

Middle School Website Development Project | HTML,CSS,JS

I created a website for my middle school entirely using HTML, CSS, and basic JavaScript to manage email submissions. While not a professional undertaking, this project significantly boosted my proficiency in web development. It included designing the site's layout, enhancing its visual appeal through styling, and integrating essential features for handling email interactions. This hands-on experience provided me with practical insights into front-end development and strengthened my capability to build user-friendly web applications.