Krisham Rai

Ph.no: 9808238503
Mail ID: raikrisham@gmail.com

Career Objective

An ambitious and driven computer engineering student with a strong foundation in software development, data science, and machine learning. I am passionate about applying innovative solutions to real-world challenges and continuously expanding my technical expertise. With a keen interest in learning emerging technologies, I am looking for an opportunity to contribute to impactful projects in a collaborative environment. My goal is to leverage my problem-solving skills, adaptability, and dedication to make a meaningful contribution in this field.

Education

- Bachelor of Computer Engineering
  National College of Engineering, Talchikhel, Lalitpur
  Final Year Student (Expected Graduation: 2025)

- +2 (Higher Secondary Education)
  Reliance International Academy, Chabahil, Kathmandu
  (Completed: 2021)

Skills

- **Technical Skills:**
  - ❖ **Programming Languages:** Python, HTML/CSS, C, C++
  - ❖ **Data Science & ML Tools:** TensorFlow, Pandas, NumPy, Scikit-learn
  - ❖ **Web Development:** Frontend development.
  - ❖ **Data Analysis:** Pandas, NumPy, Matplotlib.

- **Soft Skills:**
  - ❖ Excellent verbal and written communication abilities.
  - ❖ Strong team player with effective collaboration skills.
  - ❖ Highly adaptable to dynamic and fast-evolving work environments.
  - ❖ Quick learner with the ability to master new technologies independently.
  - ❖ Organized and skilled in prioritizing tasks to meet deadlines.

Projects

- **Fruit Spoilage Detection System using CNN** [*Minor Project for College*]
  Built a system using CNN to detect spoiled fruits through image classification.
- **Automatic PDF Downloader from Websites**
  Developed a Python script to automate downloading PDFs by scraping websites for relevant links.
- **Video in Video Steganography using Deep Learning** [*Major Project (Ongoing)*]
  Currently working on embedding one video inside another using steganography and deep learning to ensure secure video sharing.
- **Image Classification using YOLO**
  Developed a model using YOLO for classifying images of various animals. Trained the model on a diverse animal dataset and successfully implemented it in real-world applications.

Trainings and Certifications

- **Python:** Online Courses
- **Data Science and Machine Learning**: Evolve IT Hub Nepal
- **Web Development:** Broadway Infosys

Extracurricular Activities

Throughout my academic journey, I have actively pursued independent learning by completing numerous online courses in **Python, Machine Learning (ML), and Deep Learning (DL)**, applying these newly acquired skills to both personal and academic projects. I have also had the opportunity to present research at notable conferences, such as **ICT-CEEL 2023** hosted by Khopa College of Engineering, and co-presented a paper at **ICSET-2024** organized by NCIT. Additionally, my participation in various college-level debate competitions has helped me enhance my public speaking abilities and sharpen my critical thinking skills.