

Pankaj Bhattarai

Suryabinayak 04, Bhaktapur, Nepal

+977 9823460246

pankajbhattarai50@gmail.com

PROFILE

Aspiring researcher with a strong foundation in Computer Science, Cybersecurity, and AI. Passionate about advancing the field through innovative research, with a particular interest in Computational Biology. Eager to contribute to impactful projects in academia and industry.

EDUCATION

PhD – Computer Science

Incoming, Fall 2025

Florida State University, Tallahassee, Florida

- Research focus: Computational Biology

B. Tech – Computer Science and Engineering

2020 - 2024

SRM Institute of Science and Technology, Chennai, India

- specialization in Cyber Security.
- CGPA 9.53/10

PRESENTATIONS

Detection of Pneumonia using Machine Learning, 5th International Conference on Information Management & Machine Intelligence (ICIMMI 2023) **December 2023**

PUBLICATIONS

Pankaj Bhattarai, Dr. K A Varun Kumar, Dr. Balachandar T, and Rashmi Od.2023. Detection of Pneumonia Using Machine Learning. In International Conference on Information Management & Machine Intelligence (ICIMMI 2023), November 23–25, 2023, Jaipur, India. ACM, New York, NY, USA, 10 pages. <https://doi.org/10.1145/3647444.3652464>

PATENT

AI BASED PLANT EXTRACT ANALYSING DEVICE TO IDENTIFY DISEASE

Design no **392971-001** Granted by The Patent Office, Govt. of India

HONORS & AWARDS

Winning Team – SRM Smart Campus Hackathon

February 2023

Compex Scholarship – Government of India

December 2020

MEMBERSHIPS

Association for Computing Machinery (ACM)

SKILLS

Programming : C, C++, Python

Web Development: HTML, CSS, JavaScript(Node/Express), Python(Flask)

Cloud: AWS – EC2, Lambda, S3

Design and Illustration: Adobe Photoshop, Adobe Illustrator

Other: Linux, Database(MySQL, MongoDB)

PROJECTS

- Detection of Cyber Attacks on Internet Connected Vehicles
- Plant Disease Detection System
- AI Chatbot using NLP
- Face based authentication system based on Flask
- C Header for Vector Manipulation

PROFESSIONAL DEVELOPMENT

Mentee

May 2022

Microsoft India

- Selected as mentee for Microsoft Engage program and worked on face API based project under Microsoft Mentor.

LEADERSHIP AND EXTRA CURRICULAR INVOLVEMENT

Co-Founder and General Secretary

June 2021- Present

Kalpabriksha Nepal

- Established and leading a non-profit organization dedicated to youth upliftment in Nepal.
- Managing administrative tasks, organizing events, and collaborating with team members to achieve organizational goals.

Team Lead

2022-2023

Networking and Communications Association, SRMIST

- Organized several events and hackathons as a team lead at Networking and Communications Association at SRM Institute of Science and Technology.