HARIMOHAN **KHATRI**

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Godawari – 05, Kailali, Nepal

A highly motivated and detail-oriented computer engineer with strong analytical, programming, and problem-solving skills. Passionate to lavage technical expertise in research and teaching roles.

EXPERIENCE

JULY 2026 – NOW
EDIOTORIAL MEMBER, SCITECH Nepal
Related Work Field: Applied and computer science for engineering fields.

JANUARY 2026 – NOW [FULL TIME]
JUNIOR PORFESSOR, NEPAL ENGINEERING COLLEGE, BHAKTAPUR
Related Work Field: Image Processing and Pattern Recognition, Cloud Computing and Virtualization

NOVEMBER 2023 – NOVEMBER 2025 [FULL TIME]
LECTURER, EVEREST ENGINEERING COLLEGE, LALITPUR
Related Work Field: Computer Graphics, Image Processing and Pattern Recognition

EDUCATION

JUNE 2023 – SEPTEMBER 2025
MASTERS OF COMPUTER ENGINEERING – POKHARA UNIVERSITY
[Nepal College of Information Technology - NCIT]
Related Course: Computer Graphics, Image Processing and Pattern Recognition, Multimedia Systems.

DECEMBER 2022
BACHELOR OF COMPUTER ENGINEERING – POKHARA UNIVERSITY
[National Academy of Science and Technology – NAST]
Related Course: Programming with C, C++, JAVA, Data Structure and Algorithms, Database Management Systems, SQL, Oracle, Artificial Intelligence, Cloud Computing, Computer Networks, Electrical and Electronics devices, Computational Fundamentals, Advanced Computation.

SKILLS

- Programming languages: C, C++, JAVA, Python
- Database management systems: MySQL, Oracle
- Version Control: Git
- Web development: HTML, CSS, JavaScript, Django
- Data analysis and visualization tools: Pandas, Numpy, MatplotLib, Seaborn, Scikit-Learn
- Machine learning frameworks: PyTorch, Keras, OpenCV

PROJECTS

1. Mathema – A mathematical equations, geometric transformation and data structure and algorithm visualizer web app.
2. NLPC – Natural language to semantic code compiler using language transformers

RESEARCH

- Rotation-aware copy move forgery detection using vision transformer and keypoint-based feature fusion [Master's Thesis]
- TinyML image detection and alarm system for human wildlife conflict resolution. [Ongoing]

TRAINING

1. Mathematics for Machine Learning and Data Science (94h30m) – DeepLearning.AI
2. Machine Learning Specialization (94h30m) – DeepLearning.AI, Stanford Online

REFERENCES

1. Prof. Dr. Hari Krishna Shrestha [Principal, EEC, Lalitpur] – 9851006010
2. Prof. Dr. Prem Bahadur Chand [Principal, NAST, Dhangadhi] - 9858487111