

PRASHANNA RAJ PANDIT

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EDUCATION

Master's in Computer Science

Aug 2024-Dec 2026

Southern Illinois University Edwardsville (SIUE). Edwardsville, IL,USA

Bachelor's in Electronics Communication and Information Engineering

Nov 2018-Mar 2023

Pulchowk Campus, Institute of Engineering (IOE) , Tribhuvan University, Nepal

70.69%

SKILLS AND KNOWLEDGE AREAS

General Computer and Mathematical Proficiency

- Solid grasp of general computer and architecture knowledge acquired during undergraduate engineering studies; Microprocessor (8085 & 8086), Computer Organization and Architecture, Operating Systems, Computer Networks, Computer Graphics, Data Structure and Algorithms, Engineering Mathematics

Advance Computer Science Areas

- Artificial Intelligence, Big Data, Data Science

Programming Languages, and Framework

- C, C++, Python, Flutter and Dart, OpenCV, YOLO, Flask

Software/Tools

- Visual Studio, Android Studio, Proteus, Cisco Packet Tracer, Matlab, Complete MS-Office Package and Google Tools, Adobe XD, Canva, Git and GitHub

Core Electronics and Communication subjects

- Solid grasp of core electronics subjects like Electronics Devices and Circuits, advanced electronics, Communication Systems, Wireless Communication, Antenna and Propagation

Hardware

- Arduino, Raspberry Pi, ESP 8266

Language

- English, Nepali, Hindi

PUBLICATION

Title: Automation of Driving License Test using Computer Vision and Image Processing

[\[Paper Link\]](#)

Conference: International Conference on Technologies for Computer, Electrical, Electronics & Communication (ICT-CEEL 2023)

Oct 13, 2023

EXPERIENCE

- C++ Tutor at Kathmandu Bernhardt College

Apr 10, 2023- Jul 10, 2023

ACHIEVEMENTS

- Recipient of a full scholarship for undergraduate studies at Pulchowk Campus, characterized by a 4% acceptance rate.
- Best Paper Award at the International Conference on Technologies for Computer, Electrical, Electronics & Communication (ICT-CEEL 2023)
- Winner of All Nepal Hackathon 2023
- Winner of intra-college photography contests in 2022 and 2023.
- Participant at LOCUS Tech Fest 2020
- Former Logistics Manager at Student Union (NTBNS)
- Academic interview at live Kantipur National Television [\[Link\]](#)