

# PRASHANNA RAJ PANDIT

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## EDUCATION

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### 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

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### General Computer and Mathematical Proficiency

- Solid grasp of Computer Architecture, Microprocessor, Operating Systems, Computer Networks, Data Structure and Algorithms, Engineering Mathematics, Probability and Statistics, Database, and Graphics Design.

### Advance Computer Science Areas

- AI, ML, CV, Data Science, Data Exploration and Visualization, RestAPI, Web Scraping, Request

### Programming Languages, and Framework

- C, C++, Python, Flask, PostgreSQL, OpenCV, YOLO, Pandas, Beautiful Soup & Selenium, Matplotlib & Seaborn

### Software/Tools

- Visual Studio, Android Studio, Matlab, Complete MS Office Package and Google Tools, Adobe XD, Canva, Git and GitHub, Postman

### 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

### Other Managerial Skills

- Leadership, Social Media Handling, Web handling, Coordinations skills

## PUBLICATION

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**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

## ACHIEVEMENTS

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- Recipient of Geographic Enhancement Opportunity (GEO) Award at SIUE worth \$8,436 annually.
- 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
- Academic interview at live Kantipur National Television [\[Link\]](#)

## CERTIFICATIONS

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**100 Days of Code: The Complete Python Pro Bootcamp** Dr. Angela Yu

Udemy 2024

**Python for Computer Vision with OpenCV and Deep Learning** Jose Portilla

Udemy 2023

**The Complete Flutter Development Bootcamp with Dart** Dr. Angela Yu

Udemy 2023