PRASHANNA RAJ PANDIT

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EDUCATION

Master's in Computer Science   *Expected Graduation* **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%**

Related Coursework:
Data structures and algorithms, Computer Networks, Advance AI, Programming languages (C/C++/Python),
Computer Architecture, Operating System, Electronics devices and circuits, Communication system

SKILLS AND KNOWLEDGE AREAS

Programming Languages, and Framework

- Python
- Flask
- RestAPI
- PostgresSQL
- SQL
- SQLAlchemy
- Pandas
- Docker
- Beautiful Soup & Selenium
- Matplotlib & Seaborn
- C/C++
- jinja
- HTML/CSS
- NumPy
- OpenCV, YOLO

Software/Tools

- Git and GitHub, Postman, Pycharm, Visual Studio, Android Studio, Colab, Google Tools, Adobe XD, Canva

Soft Skills

- Teamwork, Adaptability, Time management, Work ethic

PROJECTS

- Automation of Driving License Tests using Computer Vision and Image Processing   *YOLOv5, OpenCV*
- My portfolio   *HTML/CSS/Flask*
- FootBalance Nepal Website   *HTML/CSS/Flask/SheetyAPI*
- Blog Website --with user authentication   *HTML/CSS/Flask/RestAPI*
- Cookie clicker bot   *Selenium*
- Waste Management System Using IOT: *Java, XML,Firebase,ESP8266*
- Home Automation using AlexaPI using AVS device SDK in Raspberry Pi 4:
- Analysis of the dataset of Nobel Prize winners   *Pandas/Matplotlib/Seaborn*

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**

HONORS AND AWARDS

- Recipient of Geographic Enhancement Opportunity (GEO) Award at SIUE worth $8,436 annually. (2024)
- Recipient of a full scholarship for undergraduate studies at Pulchowk Campus, characterized by a 4% acceptance rate. (2018)
- 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. (2023)[Link]