# Prajjwal Pandey

Kathmandu, Nepal

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## Professional Summary

Dedicated and enthusiastic computer engineering student with a strong background in Python programming and data science. Eager to contribute to innovative projects and apply AI/ML techniques to solve complex problems.

## Education

- **Bachelors Degree in Computer Engineering** **2024**
  Pulchowk Campus, Tribhuvan University, Lalitpur, Nepal

- **School Leaving Certificate** **2019**
  Kathmandu Model College, Kathmandu, Nepal

## Work Experience

- **Research and Project Coordinator** **2024-Present**
  SEDS Pulchowk, Lalitpur, Nepal

## Skills

- Python Development: Django, DSA, Automation, Scripting, Modeling and Simulation

- Database Management System: SQL, MongoDB

- Data Science and ML: Pandas, NumPy, Scikit-Learn

- Data Visualization: Matplotlib, SeaBorn

- Version Control: Git

- Operating System: Linux, Windows

## Projects

- **Radio Transmission Probability Estimation**
  Estimated the probability of detecting radio transmissions between advanced galactic civilizations in the Milky Way.

- **Urban Heat Island Monitoring**
  Utilized satellite imagery and machine learning models to monitor and analyze urban heat islands.

## Certifications

- Applied Data Science, WorldQuant University (2024)

- CS50, Harvard University (2024)

- AWS Academy Graduate - AWS Academy Cloud Foundations, AWS(2022)

## Awards and Achievements

- **All Nepal Rank 11**, IOE Entrance Examination | **2019**
- **Mahatma Gandhi Scholarship**, Indian Embassy | **2017-18**

## Accomplishments

- Mentor at "LOCUS Software Fellowship 2025" | **2024**
- **LOCUS CUP Coordinator** of LOCUS 2024, Nepal | **2024**
- **Design Lead** of LOCUS 2024, Nepal | **2023-2024**
- **Secretary** of GAP Student Society, Pulchowk Campus, Nepal | **2023-2024**
- Author of Pre-Engineering Entrance Book, BEATS Engineering, Nepal | **2020**
- Assisted Profressors of Rectified Chemistry Grade 12 Book, in updating the syllabus | **2020**
- **President** of Boys Scout, New Horizon Higher Secondary School, Nepal | **2016-2017**