

# Dipson Thapa

## Computer Engineering Graduate

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CONTACT

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SUMMARY

I am a dedicated computer engineering graduate who has recently completed my final semester and am currently awaiting my results. I am eager to explore opportunities in which I can apply my technical knowledge and problem-solving skills in a dynamic environment.

PROJECTS

- Ishara Setu | 2025**

Nepali Sign Language Detection System

  - real-time sign language recognition that converts gestures into text for easy understanding
  - Tools and technologies used: Python, TensorFlow, OpenCV, Mediapipe
  - Contribution: Data preprocessing and model development
- Notera | 2024**

Notes Management System

  - streamlines the organization, storage, and retrieval of digital notes for enhanced productivity.
  - Tools and technologies used: HTML, CSS, JavaScript, PHP, MySQL
  - Contribution: Sign up & Login Page following validation protocols, session handling along with some frontend works

EDUCATION

- Nepal Engineering College | 2020– 2025**

Bachelor of Science in Computer Engineering

  - CGPA: 3.45
  - Scholarship Award
  - Batchwise Project Competition

**Xavier International College | 2018–2020**

Computer Science

  - CGPA: 3.65
  - Member of CS–Society
  - CSIT workshop

SKILLS

- Programming Languages: Python, PHP, Java, C, C++
  - Web Technologies: HTML, CSS, Bootstrap, MySQL
- Machine Learning: TensorFlow, OpenCV
  - Version Control: Git, GitHub
  - Tools: Ms Excel, Word, PowerPoint

CERTIFICATES

- Scientific Computing with Python | 2024**

FreeCodeCamp

**Cyber Security for Awareness | 2025**

Udemy
- Python for Everybody | 2020**

University of Michigan | Coursera

**Java Fundamentals Course | 2025**

Udemy