

DENIM GIRI

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SUMMARY

Passionate Computer Science student with a foundation in **Python and backend development using Django**, complemented by a strong interest in machine learning. Actively **seeking a summer internship in 2025** to enhance my skills and gain practical experience in software development and machine learning applications.

EDUCATION

CLARK UNIVERSITY

Worcester, MA

Bachelor of Science in Computer Science

Aug 2024 – Present

- *Courses: Advanced Computing & Algorithm Design, Data Structures & Discrete Mathematics, AI & Prompt Engineering, Python Programming*

UNIGLOBE HIGH SCHOOL

Kathmandu, Nepal

Higher Secondary Education

July 2023

TECHNICAL SKILLS

- Programming Languages: **Python**, JavaScript, PHP, C
- Web Development: **HTML**, **CSS**, **JavaScript**, **Bootstrap**, jQuery, Python, **Django**, REST API
- Machine Learning / Data Science: **Pandas**, **NumPy**, Matplotlib, OpenAI API, Gemini API
- Tools & Platforms: PyCharm, **VS Code**, Git, **GitHub**

DEVELOPMENT TRAINING / CERTIFICATIONS

PYTHON & DJANGO PROFESSIONAL TRAINING

Kathmandu, Nepal | Mar 17 – May 2, 2024

- Successfully completed a backend development training program in **Python and Django**, created messaging & audio call applications, along with a blog web application
- Gained hands-on experience in developing **RESTful** APIs, managing databases, and integrating third-party services using Django

DATA SCIENCE WITH PYTHON

Kathmandu, Nepal | Dec 3 – Mar 3, 2023

- Developed a machine learning model to classify flowers' species based on key characteristics, utilizing Scikit-learn for model building & hyperparameter tuning
- Utilized **Pandas** and **NumPy** for creating organized data frame for processing, visualized data and model performance using **Matplotlib**, identifying patterns and feature selection

PROJECTS

AI Enhanced Blog Engine

- Developed an **AI-enhanced blog engine** where users can create profiles, log in, and post blogs, providing a seamless user experience for content management
- Integrated **OpenAI API** to automatically generate blog post tags and categorize content based on the tags, enhancing content organization and discoverability

Animated Face Simulation with Turtle Graphics

- Developed an animated face using **Python's turtle graphics**, featuring background stars and a simulated movement effect through rotation

- Implemented custom functions to draw facial elements, creating a dynamic and interactive animation scene