PRAYASH
THAPA

CONTACT INFO

E-mail	prayashthapa15@gmail.com
Phone Nr	9846863576
Address	Dhaphakhel, lalitpur
LinkedIn	https://www.linkedin.com/in/2nd-order-tensor-a077051ab/
GitHub	https://github.com/VectorTensor/
Website	https://prayashthapa.com.np/

ABOUT ME

Computer Engineering Student with proven skills in Web development and Machine Learning. Always eager to learn new things to improve my skill set. Interested and Knowledge in multiple domain like applied maths, physics, Digital art. Very eager to challenge myself by taking on unique problems.

EDUCATION

BE in Computer Engineering   **2018-2023**
Kantipur Engineering College | *Dhaphkhel, Lalitpur*

HSEB +2   **2016-2018**
Orchid Science College | *Bharatpur,Nepal*

- Graduated with A+ grade

SKILLS

● ● ●	Python,C,Bash,C/C++
● ● ●	Django, Pytorch, Numpy, matplotlib, Sklearn,Unity
● ● ●	Elasticsearch, MySql, Github
● ● ○	Java, JavaSript
● ● ○	React,Bootstrap, Rasa,LaTeX
● ● ○	Adobe Animate, Adobe Photoshop
● ○ ○	Matlab, Wireshark, Cisco packet Tracer

Languages
- Nepali (native)
- English (Full professional proficiency)
- Hindi (Basic)
- Japanese (Learning)

PROJECTS

QUESTION ANSWER DISCUSSION SITE (IOE OVER-FLOW)

- Implemented front using HTML, CSS, JavaScript
- Implemented backend using django.
- Implemented elastic search for search function
- Implemented tessaract OCR.

PERSONAL WEBSITE

- Built a website using html css and deployed using render.

VISUAL NOVEL TEMPLATE

- Built a template for making visual novel games in Unity.

NPC DIALOGUE FOR GAME

- Modeled a conversation using reinforcement learning Deep Q Learning and reinforce policy gradient methods
- Use sugeno fuzzy inference to built an alliance system in game to influence NPC behaviour

ANIME RECOMENDATION

- Recommend Similar anime by giving the name of a anime by using k means clustering and PCA

NLP PROJECTS

- Implement basic rnn for text classification (sentiment anlaysis)
- Implement encoder decoder model for language translation

ACHIEVEMENTS

Scholarships
- Four year college scholarship