TUSHAKA SHRESTHA

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Location
Kalimati , Kathmandu

Github
https://github.com/Tushaka

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https://www.linkedin.com/in/tushaka-shrestha-47830327a/

+ SUMMARY

I am a Computer Engineering student with a passion for technology and problem-solving. I have experience in programming, web design, and version control, along with leadership skills as the Treasurer of the PACE. I am co-authoring a research on Speech recognition model. I aim to combine my technical expertise with my management skills to excel in the field of technology and contribute to impactful and innovative projects.

+ EDUCATION

SEE
GEMS / Lalitpur / May, 2007 - June, 2018

+2 Science
GIHE / Lalitpur / July, 2018 - January, 2021

Bachelors in Computer Engineering
Advanced College of Engineering and Management / Kathmandu / April, 2021 - Present

+ WORK EXPERIENCE

+ ACHIEVEMENTS

Meshmerize

Meshmerize is a line following bot that can keep track of directions while going through a maze, analyze path and then, traverse the maze to reach the end point in the minimum possible time.

Organized by Technorion Nepal
1st runner up
Team PACE

Participated in Techfest at IIT Bombay

Won regional competition of Meshmerize and got selected to participate at Techfest.

Participated in 5th ACEM SET Conference 2024

Presented the research paper titled Comparison of Various Models in Text to Move Conversion of Chess Sentences.
In this paper the three models HMM, BiLSTM and rule based approach were compared.

+ SKILLS

- Familiar with designing (Figma)   ● ● ● ● ○
- Communication skills   ● ● ● ○ ○
- c language   ● ● ● ● ○
- C++   ● ● ● ● ○
- HTML & CSS   ● ● ● ● ○
- Python   ● ● ● ○ ○

Member

PACE(Project Association for Computer and Electronics) / July, 2022 - June, 2024

PACE is a technical club of Advanced College of Engineering and Management.

As a member of PACE, I have expanded my knowledge in areas like Git, GitHub, and Docker through workshops. I was also part of a team that developed a line-following bot, which secured second place in the zonal qualifications. This achievement qualified me to participate in Techfest 2022, hosted by IIT Bombay.

Treasurer

PACE(Project Association for Computer and Electronics) / July, 2024 - Present

As the treasurer of PACE, I effectively managed the club's finances, ensuring the optimal allocation of resources for organizing various events. This role enhanced my financial planning, organizational, and decision-making skills.

Organizer

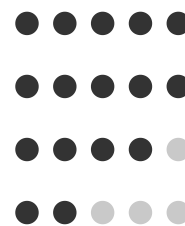AARAMBHA / September, 2024 - December, 2024

I played an active role in AARAMBHA, a technical event serving as a platform to showcase innovative ideas and foster knowledge sharing among students and professionals.

I organized the main event, ProtoBytes Hackathon, and hosted the formal opening ceremony. I secured sponsorships, promoted AARAMBHA actively, and took active participation in all the pre-events. Additionally, I took on diverse responsibilities, supporting the event's success in various capacities, highlighting my adaptability, teamwork, and organizational skills.

✛ TRAINING/CERTIFICATION

3 day workshop on Git, GitHub & open souce contribution

PACE / 2022
Organized by PACE

Fun with FIGMA

Advanced Robotics Club(ARC) / 2023
ARC-Workshop Series
Workshop on Basics of Figma

Workshop on Docker

PACE / 2023

✛ PORTFOLIO

✛ LANGUAGE

- Nepali   ●●●●●
- English   ●●●●●
- Newari   ●●●●○
- Hindi   ●●○○○

✛ REFERENCES

Er.Sarad Shrestha

Tata Consultancy Services India / Technical Lead-Aircraft engine control system Design

saradshrestha693@gmail.com

Student Record System

A user-friendly software to efficiently manage student records. It keeps essential student information such as names, addresses, roll numbers and phone numbers. It provides features like adding, deleting,searching and sorting.

https://github.com/Tushaka/studentrecordsystem

Langur burja

Ongoing board game project.

https://github.com/Tushaka/LangurBurja/tree/main

VoiceMate- Voice controlled chess application