

Suyog Chaulagain

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<https://github.com/seaten779>

College student pursuing a degree in Mathematics with a strong background in full-stack development, machine learning, and academic research. Passionate and hardworking with proven ability to work both independently and collaboratively, with experience in backend development, public speaking, community volunteering and tutoring.

Skills

- Full Stack Developer
- Research
- Scheduling
- Machine Learning
- Public Speaking
- Group tutoring

Experience

Software Engineering Intern, Everest Walk Group – Kathmandu, Nepal May 2022 – Nov 2022

- Assisted in developing and optimizing ERP/CRM solutions, gaining experience in backend development.
- Prepared project presentations and reports to assist senior staff.
- Maintained database systems to track and analyze operational data.

Volunteer, Our Dream Pashupati Clean – Kathmandu, Nepal Sept 2017 – Aug 2019

- Organized a cleaning campaign for religious, cultural and historical monuments
- Assisted with special events and programs.
- Produced awareness videos that attracted media coverage and expanded community support for the program.
- Used strong interpersonal communication skills to convey information to others.

Tutor, Self-Employed – Kathmandu, Nepal Dec 2022 – Apr 2023

- Supported students with helpful study habits and exam strategies.
- Provided homework assistance using specific curriculum and materials.
- Conducted tutoring sessions at schools and homes.

Education

Mathematics Expected in December 2025

San Antonio College, San Antonio, TX

- 3.87 GPA
- Dean's List Fall 2024 and Spring 2025

Projects

Automated-Driving Application shorturl.at/RzHA8

- Developed an enhanced self-driving car model using NVIDIA's End-to-End Learning framework, integrating dropout layers to improve generalization on smaller datasets.
- Implemented a hybrid system combining steering angle prediction with a YOLO-based segmentation model for precise road object detection and classification.
- Tools Used: Python (Keras, TensorFlow), YOLO Architecture

Our Dream Pashupati Clean Campaign Video shorturl.at/iVwSw

- Created an introduction video for the "Our Dream Pasupathi Clean" campaign, effectively conveying the mission and engaging the community through visual

Languages

- Nepali
- Hindi
- English
- French