# Prajwal Chaudhary

 Kathmandu, Nepal    ✉ prajwalchy25@gmail.com    📞 986-2991087

in Prajwal Chaudhary    PrajwalChaudhary25

## Education

| | | |
|---|---|---|
| **BE** | **Computer Engineering**, IOE Thapathali Campus, Tribhuvan University | 2022 – present |

- secured a **rank of 385** at IOE entrance examination.

| | | |
|---|---|---|
| **+2** | **Science**, St. Xaviers College, NEB | 2017-2019 |

- GPA: 3.63/4.0 (my gradesheet)

## Projects

**Car Game**                                                                                    Car Game repo

- A brick game-style console-based car game in which a player dodges the upcoming obstacles. Also added are features like high scores and increasing difficulty with levels in the game.
- Skills Developed: File handling, Dynamic Memory Allocation (DMA)
- Tools Used: C

**FILL-MATE**                                                                                   FILLMATE repo

- An interactive graphic program where the user can fill the color in five different predefined drawings and shapes.
- Skills Developed: Modular programming, graphics.h library
- Tools Used: C++

**Plastic Detection and Classification**                            Plastic Detection and Classification repo

- An automated system to detect and classify commonly found plastics using YOLOv9 for real-time object detection and our custom CNN model for classification.
- Skills Developed: Custom Dataset Preparation, Model Training, Model Integration, CNN, ANN achieved an accuracy of 86%
- Tools Used: Python, NumPy, Roboflow, OpenCV, Flask, Tensorflow

## Technologies

**Languages:** C++, C, SQL, HTML, tailwind CSS, JavaScript (basic), Python, NumPy, Pandas

## Extra Curricular

- Participated in **Mathematics Quiz** organized by ANNISU(Revolutionary), Thapathali Campus, and reached the finals.
- Attended a 7-day training workshop on **RC car development** by the Robotics and Automation Center (RAC).
- Participated in a 3-day workshop on **Python for Automation** by Tensor Club.
- completed **Responsive Web Design Certification** coursework from freeCodeCamp.

## Position of Responsibility

**Class Representative**                                                                      2023 sept - 2024 sept

- Managed lectures, assignments, and assessments for the proper functioning of classes.