

PRAKHAR SWAROOP

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OBJECTIVE

I am Prakhar Swaroop, a second year student pursuing his B.Tech in Computer Science and Engineering. I have completed projects using Python, C++ and Java languages. I am hard working, passionate about programming, and possess good logical abilities.

EDUCATION

Bachelor of Science, IIT Madras Online Degree

Expected 2026

Built web based quiz application using python flask framework in which an admin has control and can create quizzes for the user

Bachelor of Technology(Computer Science), Bennett University

Expected 2027

Built a Sales Prediction model using machine learning , built an adversarial attack detector using neural networks and an employee mangament system using java.

SKILLS

Programming Languages

Python, C++,Java

Data Preprocessing and Machine Learning

Scikit-Learn, Matplotlib, Pandas, Numpy

Development

Flask, Jinja2, SpringBoot, PostGreSQL, SQLite Database, SQLAlchemy

PROJECTS

QuizMaster

A Flask-Python, Jinja based MVC web app which enabled users to take subject-wise quizzes designed by an admin who has authority to edit, delete and create the quizzes

Sales Prediction

A Model that estimate the item outlet sales using Random Forest Regression based on input features like item_type,item_weight, etc.

Adversarial Shield

A Deep learning based system to detect adversarial attacks on images. Built using a CNN model trained to distinguish between clean and adversarial images

Employee Management System

A simple employee mangament system built using JavaSwing and MySQL which has the functionality to add, delete and view employees.

EXTRA-CURRICULAR ACTIVITIES

- Participated in Hackaccino 3.0 Hackathon at Bennett University and built Adversarial Shield
- Took part as the delegate of U.A.E within the UNHRC committee in Model United Nations