Prabhanshu Vikram

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Technical Skill

- **Machine Learning / Data Science:** Python, Computer Vision, Data Visualization, Supervised learning algos, Unsupervised Learning algos, EDA, Feature engineering, Feature selection and extraction etc.
- **Mathematics for ML:** Linear Algebra, Probability, Statistics, Calculus.
- **Python packages and Frameworks:** Django, Selenium WebDriver API, Scikit-Learn, Tensorflow, Keras, Pandas, SciPy, Matplotlib, pygames.
- **Programming Languages:** Python, C/C++, SQL.

Experience

Orinson Technologies, Machine Learning Intern, Remote — Aug 2024 – Ongoing

- Collected Image data from different resources.
- Annotated the data with suitable labels using cvat.ai.
- Created Computer Vision Model that could accurately detect and classify objects in the given image using OpenCV for image processing and Yolov8 for model.
- Deployed the model on cloud using Vercel.

Education

Lovely Professional University, B.Tech with Computer Science and Engineering — Aug 2020 – May 2024

- GPA: 7.3/10
- **Coursework:** Computer Architecture,Computer Vision, Machine Learning, Data Structures and Algorithms, Computational Theory. Computer Network.

Projects

Online Video Streaming Platform — github.com/PraVikram

- Developed an fully functional Online Video Streaming Platform with integration of login system, Movie database management system, separate user profile, etc.
- Tools Used: Python, Django, HTML, CSS, JavaScript, SQLite.

Automated Shopping Bot — github.com/PraVikram/Bot

- Developed a fully functional Online shopping Bot which automates my monthly shopping. The Bot login on the given shopping platform, takes data from Database, fills in the address details and initiates the order.
- Tools Used: Python, Selenium WebDriver API, SQLite.

Sales Prediction Model — github.com/PraVikram/MLP

- Developed an machine learning model using linear regression algorithm aimed at predicting customer spending in an e-commerce setting.
- Tools Used: Python, Scikit-Learn, Pandas, Numpy, Matplotlib.

Certifications

Unsupervised Learning, Recommenders, Reinforcement Learning — Nov 27, 2023

- DeepLearning.AI

Database Management System Part - 1 — July 19, 2023

- Infosys | Springboard

Network And System Configuration Fundamentals — 2021 - 2022

- Lovely Professional University