Feras Adel Ali Ahmed Al-Farzai

📞 +96778226250 ✉ ferasalfarzai@gmail.com 🪁 codeferas.github.io ○ github.com/codeFeras

in linkedin.com/in/codeferas 📍 Sana'a, Yemen

PROFILE

Recent Computer Science graduate with foundational knowledge in Python and SQL, complemented by coursework in data handling. Committed to contributing as a data professional and dedicated to ongoing learning in a dynamic team environment.

EDUCATION

Lovely Professional University, India,   2019 – 2023
B.Tech. Computer Science Engineering
(CSE427) Virtualization and Cloud Computing, (INT232) Data Science Toolbox: R Programming, (INT233) Data Visualization

PROJECTS

Credit Card Fraud Detection   Mar 2023
- Developed a fraud detection system for European credit card transactions with a 0.172% fraud rate.
- Applied SMOTE and undersampling to balance the highly imbalanced dataset and engineered lagged features.
- Implemented a logistic regression model with L2 regularization, achieving an outstanding AUC score of 0.98.
- Utilized Python (Pandas + Sklearn) for the entire project, analyzing 284,807 transactions.

Counterfeit Product Detector   Jan 2023
- Implemented an innovative system for counterfeit product detection, employing Python libraries for image processing and brand classification, and conducting sentiment analysis using the GPT-3 DaVinci model. Achieved over 90% accuracy on the Flickr logos dataset.
- Utilized tools and technologies, including Python (PyTorch, NumPy), SQL, HTML, CSS, and AWS, to develop and deploy the counterfeit detection system

Personal Expense Tracker   Apr 2022
- Developed a personalized spending analysis tool for tracking expenses, using Excel for data sorting and grouping, Python for data cleaning and formatting, and Matplotlib for chart creation.
- Integrated APIs to fetch data from platforms including Amazon, Flipkart, Myntra, Ola, Uber, Zomato, Swiggy, and Curefit, providing comprehensive support for diverse spending categories

TECHNICAL SKILLS

MS Excel, Python (NumPy, Pandas, Matplotlib, Scikit-learn), SQL, Git, Linux.

ACTIVITIES

Kavach 2023, Hackathon
Participated in 'Kavach,' a hackathon organized by the Government of India, developing a fake news detector and sentiment analysis system using GPT-3 DaVinci and Python libraries for web scraping. Selected among the top three projects from the university.

Participated in various hackathons, including 'DeveloperWeek 2024 Hackathon' ,'HackEMinds 2024', and 'GitLab Innovation Pitch Competition'., *Devpost* 🔗

COURSES

Data Mining with RapidMiner, Udemy 🔗

Introduction to Statistics, Standford, Coursera 🔗

Data Warehouse - The Ultimate Guide, Udemy 🔗