Khaled Alrashidi

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Professional Summary

Khaled is recent graduate from the University of Southern California where he earned his master's in Electrical and Computer Engineering with an emphasis on Machine Learning and Data Science. He has worked on several machine learning and data science projects and has a strong passion for utilizing AI to benefit both individuals and the broader community.

Education

Completed coursework towards Master of Science (M.S.) : **Machine Learning and Data Science**, May 2024
University of Southern California - Los Angeles, CA
GPA: 3.39
Awards & Honors

- Leader of the Year Award - Apr 2023
- Distinguished Leadership Award - Apr 2024

Completed coursework towards Bachelor of Science - Computer Engineering : June 2022
Portland State University - Portland, OR
GPA: 3.62
Awards & Honors

- President's List - Issued by Stephen Percy

Extracurricular Activities

- Tau Beta Pi (ΤΒΠ)
- IEEE-Eta Kappa Nu (HKN)
- Golden Key International Honour Society (GK)

Skills

- Machine and Deep Learning
- Python, SQL, C++
- Generative AI
- EDA and Data Analysis
- Model Evaluation and Selection
- Data Science
- Supervised and Unsupervised Learning
- Data Cleaning and Preprocessing
- Data Visualization
- API Development

Certifications

- Data Scientist in Python
- MLOps Fundamentals
- Python Data Fundamentals

Projects

Gratitude Companion: A web application that helps make the practice of gratitude more engaging and meaningful by asking the user thought-provoking questions. The app integrates GPT-4o API for better text processing and understanding.

Credit Card Fraud Detector: The project uses machine learning to predict whether a transaction is legitimate or fraud, given features such as time, amount, and frequency.

California House Price Predictor: The project uses machine learning to predict a house price in California, given its features such as size of the house and number of rooms in the house.

Titanic Survival Predictor: The project uses machine learning to predict the survival of a passenger given certain characteristics such as age, passenger class, and gender.

Sentiment Analysis on IMDB Movie Reviews: The project uses deep learning to analyze and predict the sentiment of reviews on IMDB movies and classifies them into positive or negative.