Yin Lam Lai

Data Scientist

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Eligible for HPI Visa

Being immersed in the study of data science, a career objective for me would be working in the IT field, dealing with big data, machine learning, and data analytics. I would like to explore entrepreneurship with data science through all the tools and skills that I would have acquired through the machine learning courses I have taken.

WORK EXPERIENCE

Orient Overseas Container Line

Data Scientist

San Jose, CA | Apr 2024 - current

- Developed BERT Score metric to evaluate ongoing summarization models
- Implemented a time series model to improve price forecasts feeding into an optimization engine by 20%
- Streamlined data workflows by migrating dashboards and pipelines to the Databricks platform
- Enhanced business volume forecasting accuracy using transformer models, reducing Mean Absolute Error by 50%.
- Utilizing LLMs to extract invoice data at a 93% accuracy in order to increase internal productivity.

Data Science Intern

San Jose, CA | Oct 2022 - Mar 2024

- Implemented various hugging face models to perform sentiment analysis on email data based on severity of complaint issues
- Touched on transition to using OpenAI models for sentiment analysis task

PricewaterhouseCoopers

Global Technology Solutions Department Intern

Hong Kong, HK | Oct 2020 - Jan 2021

- Technical troubleshooting with internal clients
- Set up new PCs and transfer data during PC upgrade migration process

EDUCATION

Higher Education,
Data Science Major & Business Minor

University of California San Diego

Sep 2019 - Mar 2024 | San Diego, CA

Relevant courses

- DSC 80, The Practice & Application of Data Science
- DSC 140A, Probabilistic Modelling and Machine Learning
- DSC 40A/40B, Theoretical Foundations of Data Science I & II
- MGT 103, Product Marketing and Management
- MGT 153, Business Analytics

SKILLS

- Technical Programming Experience with Python, HTML, CSS, R, SQL and JavaScript
- Experience in PC building and basic electrical engineering skills
- Microsoft 365/Power Apps,
- Azure VM and Databricks cloud computing experience
- Dask and Spark parallel computing experience

PROJECTS

ETHStates

Co-creator

Sep 2023 - Mar 2024

- POC of Ethereum NFT market for property transactions
- Built on solidity and compiled with Hardhat to fit ERC-721 ecosystem

ACTIVITIES

- Captain of Hong Kong Ultimate Frisbee Team - World Ultimate Club Championships . 2018 - 2022
- Represented Hong Kong in local and international Tennis competitions . 2007-2017
- Founding member of the educational program between Support! and Boys and Girls' Club Association, Teacher/Teaching program manager

- CSE 151B, Deep Learning