



Anjana Urulugastenna

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Profiles

Anju982

Anjana Urulugastenna

Summary

Finance professional with a First Class B.Sc. in Finance, currently pursuing an M.Sc. in Business Analytics (AI and Data Science). Over three years of experience in finance and analytics, specializing in AI/ML, algorithmic trading, financial sentiment analysis, and anomaly detection. Proficient in Python, C#.NET, VB.NET, MySQL, Power BI, and LLM technologies like OpenAI API and Langchain. Skilled in data-driven problem-solving, portfolio management system enhancements, and backend development. Passionate about applying AI/ML to solve complex challenges in finance and fintech

Experience

LYNEAR Wealth Management (PVT) Ltd January 2023 - Present
Back-End Developer Colombo, Sri Lanka

https://www.lynear.com/

At LYNEAR, the role involves supporting and upgrading the internally built portfolio management system and databases, utilizing technologies such as C#, ASP .NET Core/Framework, MySQL, and ASP .NET MVC. Collaboration with external developers and vendors is a key aspect, ensuring seamless integration and system efficiency. Additionally, the role provides analytical support to portfolio managers, focusing on portfolio construction and performance analysis. It also includes assisting equity and macro analysts with ad-hoc analyses, involving data gathering and analytics using Python, along with tools like Scrapy and Selenium.

BITROCK (PVT) Ltd (Subsidiary of Lyceum Global Holdings) May 2022 - January 2023
Research Analyst Nugemoda, Sri Lanka

https://www.thisisbitrock.com/#

Prepare daily reports based on the crypto and US share markets, Fundamental analysis of cryptocurrencies, Analysis of macroeconomic factors affecting the US share market and the crypto market and Conduct applied research based on management requirements.

LAUGFS Supermarkets (PVT) Ltd October 2021 - May 2022
Trainee Data Analyst Colombo, Sri Lanka

https://laugfsholdings.com/super/

Providing invaluable insights to top management to aid decision-making, including analysis, forecasting of sales data, and budgeting support.

Employees' Trust Fund Board April 2021 - October 2021
Intern Finance

https://etfb.lk/

Education

School of Computing, Robert Gordon University (IIT) January 2024 - Preseny
Business Analytics MSc

https://www.rgu.ac.uk/

The Master’s degree focuses on Big Data technologies, including data mining, distributed systems programming, NoSQL databases, text analytics, and cloud computing.

University of Sri Jayewardenepura 2017 - 2022
Finance BSc

https://mgt.sjp.ac.lk/fin/study/b-sc-finance-special-degree/

Completed a program in Corporate Finance, Investments, and Financial Markets

Skills

Back End Development (C#, VB.NET)

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Microservices - (C#)

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Business Intelligence Tools (Power BI, Tableau)

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SQL

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Python

TensorFlow, Scikit-learn, Matplotlib, Seaborn, Pandas, NLTK, Selenium, CV2,Langchain

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Languages

English



Sinhala



Interests

Data Science & Machine Learning

Predictive Modeling, Stock Price Prediction, Anomaly Detection, Fraud Detection, Credit Scoring, Customer Segmentation, NeuralProphet, XGBoost, SHAP, PCA

Finance & Economics

Portfolio Management, Financial Market Analysis, Business Analytics, Unconventional Monetary Policy, Macroeconomics, Data-Driven Financial Strategies

Artificial Intelligence & NLP

Sentiment Analysis, Named Entity Recognition (NER), DistilRoBERTa, Langchain, Large Language Models (LLMs), Financial News Analysis

Big Data & Data-Driven Decision-Making

Big Data Applications, Data Warehousing, Data Modeling, Star Schema, KPIs, Dimensional Modeling, Data-Driven Strategies

Software Development & Backend Engineering

Streamlit, API Integration, Backend Development, Docker, MySQL, Data Visualization, React, Angular

Business Analytics in Diverse Industries

Financial Analytics, Pharmaceutical Data Analytics, Data-Driven Insights, Systematic Literature Review

Projects

Stock Price Prediction with NeuralProphet 2023

A predictive model for forecasting stock price movements using NeuralProphet and historical stock data.

YouTube Video Transcript Analysis using LangChain 2024

A system for extracting and analyzing YouTube video transcripts using LangChain and OpenAI to summarize and highlight key content.

AI-based Web Scraper and Content Parser 2024

An AI-powered web scraper that fetches and parses content from websites, integrated with OpenAI for data processing.

Retrieval-Augmented Generation (RAG) System for PDFs 2024

A RAG system that leverages information retrieval techniques to enhance document generation from PDFs using pre-trained models.

References

Prof.Dushan Jayawickrama

Dean, Faculty of Management Studies and Commerce

University of Sri Jayewardenepura

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