

Alex Tjin . Jarvis Consulting

Dedicated Data Engineer with 3+ years of overall IT development experience in data ingestion and integration. Skills cover data pipelines & ETL development. Proficient in Python, SQL, database and Linux. Also, with hands-on experience in ETL tools Informatica, Airflow and computing in AWS. Fluent in English and Chinese. An astute and unflappable individual, who is eager to learn and loves to take challenges, craves chances to explore new trends and technological advancements in the data field. To make data accessible, pivotal and reliable in every decision-making.

Skills

Proficient: SQL, Python, Linux, Bash Sc scripting, Data Warehouse, Data Pipeline, Informatica

Competent: Airflow, AWS, Redshift, Oracle, Spark

Familiar: VBA, Data Visualisation, Regression Testing, Docker, Git

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_demo

Cluster Monitor [GitHub]: Developed four different scripts which facilitate the Linux Cluster Administration (LCA) team workload in tracking the platform performance. The scripts support users in setting up and controlling a Postgres Database in Docker, creating tables for data storage and analytic purposes, and extracting the hardware details and resource usage.

Core Java Apps [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- Grep App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Web app for restaurant [GitHub]: Suspendisse a tincidunt odio. Suspendisse posuere luctus aliquet. Quisque magna tellus, tempor vitae arcu sed, volutpat scelerisque lacus. Aliquam varius pulvinar dapibus. Ut a tincidunt sem. Aenean sollicitudin fringilla erat ut imperdiet. Phasellus fermentum, enim vitae laoreet elementum, eros nisl hendrerit lorem.

Machine Learning: Suspendisse a tincidunt odio. Suspendisse posuere luctus aliquet. Quisque magna tellus, tempor vitae arcu sed, volutpat scelerisque lacus. Aliquam varius pulvinar dapibus. Ut a tincidunt sem. Aenean sollicitudin fringilla erat ut imperdiet. Phasellus fermentum, enim vitae laoreet elementum, eros nisl hendrerit lorem.

Professional Experiences

Data Engineer, Jarvis (2023-present): Engaged in various projects and bolstered my skills and proficiency in data engineering, encompassing Linux, SQL, Python, Spark, and Hadoop. Having hands-on experience in Git & Docker.

Data Engineer, IBM (2021-2023): Leveraged tools like Informatica, Apache Airflow, and AWS services to architect scalable and efficient data integration workflows, encompassed ingesting data from various sources (e.g csv, json, xml), employing Python in data cleansing and transformation, automated routine tasks in Bash. Also, maintained data warehouse integrity and swiftly rectify defects. Built report in Cognos & SQL.

Education

City University of Hong Kong (2016-2020), Bachelor of Business Administration, Department of Management - Scholarship - Dean's List 2019 - 2020 - Joseph Lau Student Exchange Awards - Hong Kong Hua-Yan Buddhist Association Exchange Scholarships - GPA: 3.54/4.0

Miscellaneous

- Microsoft Certified: Azure Data Fundamentals
- IBM Agile Explorer