Software engineer (starting Q1 2021)

Liv-ex (The London International Vintners Exchange) operates the global marketplace for fine wine. We provide data, trading, logistics and automation services to the majority of merchants in this field worldwide. Our exchange has over £60m of live bids and offers from over 450 merchants worldwide who'll complete over 25,000 trades on Liv-ex this year. Our goal is to make fine wine trading more transparent, efficient and safe for the benefit of our members and the market as a whole. We are hardworking, committed yet informal, energetic and action oriented.

Founded in 2000, Liv-ex has grown to serve a growing number of merchant members with a broadening range of services. We help clients and other stakeholders to better understand the fine wine market and identify opportunities to profit. Information flows both ways; Liv-ex is the leading source of fine wine price data, but also collects data and insights from third parties such as merchants, auction houses and wine critics.

Summary Purpose

An exciting opportunity for a smart, can do minded individual to become a vital part of our data & insights team from Q1 2021. Supporting and executing our growth plan will be key, making our technology smarter whilst exploring new opportunities. Reporting to the Head of Data, the successful candidate will be an important member of a data team. The main responsibility will be to Develop ETL solutions for the insights team that are fit-for-purpose, reliable, maintainable and scalable.

Responsibilities:

- Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of AWS data sources and external data sources
- Build and maintain pipelines and transform data sets between Amazon S3, Amazon Aurora and Amazon Redshift and external sources

- Work with the Technology, Insights and other stakeholders of the business to define and document data needs
- Establish an independent data ingestion process for external data
- Ensure data is highly scalable, available and accurate
- Optimize existing databases, data structure and data related processes
- Develop, document and schedule scripts to automate business processes

Requirements

Technical (Essential):

- A good understanding of (and experience working with) relational databases
- Commercial experience with AWS
- Data warehouse and pipeline design
- Good understanding of RESTful APIs and / or data streaming
- Experience of data processing using Python, Pandas
- Airflow or similar to author, schedule and monitor workflows
- SQL-based languages
- Knowledge about of fine wines and the fine wine market

Technical (Desirable):

- Experience in data mining
- knowledge of Machine Learning models
- Experience with QlikView or QlikSense

Behavioral:

- Have an interest in building data pipelines and ETL workflows
- Focus on delivery and pragmatic solutions
- Strong communication skills and analytical, detail-oriented thinking
- Ability to work independently and as a member of a cross-functional team

To apply, please send a copy of your CV with a cover letter to outline why you are interested in this opportunity to annie@liv-ex.com