

Trịnh Vũ Lâm

Data engineer Intern



I am driven by a constant desire to step out of my comfort zone, embracing new challenges as opportunities for personal growth. I am eager to wholeheartedly dedicate myself to large-scale projects, demonstrating flexibility and adaptability to achieve the highest performance.

Personal infomation

13/02/1999

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Thái Nguyên city

https://github.com/shibe1302

Activity

• Leetcode Database and Algorithms

Leetcode 2022 - now

-leetcode SQL 50

Achievement

3 rd prize Programming Contest ICTU 2023 Participant

3 rd prize Programming Contest ICTU 2022 Participant

Education background

• Computer Science (AI & BigData)

ICTU 2021 - 2025

GPA 3.0 TOEIC 650

Skills

Cloud

AWS(ec2 linux)

Programing language

Java / Python / c/c++ / sql

Al

Machine learning, Deep learning, Computer Vision, NLP Tensorflow, OpenCV, Keras, numpy, pandas, ...

Web Developer

HTML, CSS, Javascript, Boostrap, Python Flask

Work experience

• C++ intern at Hachitech Solution

C++, chromium 7/2024 - 8/2024

Developed a web browser based on the Chromium engine, contributing to features such as get info (hardware infomation, ip local, public, canvas). Gained experience in C++, JavaScript, HTML, CSS.

Hotel Management

Java-Fx 7/2024 - 8/2024

JavaFX: For a visually appealing and interactive user interface.

MySQL JDBC: For database connectivity and data management.

Room Management: Room inventory and categorization Room rates and pricing, Housekeeping management, Maintenance tracking

Guest Management: Guest registration and check-in/check-out Guest profile management

Loyalty program integration (if applicable)

Billing and Payments: Invoice generation, Financial reporting

Cloud project 1

Stock Market Real-Time 7

7/2024 - 8/2024

Data Analysis Using Kafka

- -Developed an end-to-end data analysis system: Designed and implemented a comprehensive real-time stock market data analysis system, which utilized Kafka for data streaming alongside AWS services such as EC2, Glue, Athena, and S3.
- -Data collection and processing: Built producers to collect stock market data from various sources and streamed it into Kafka. Utilized consumers to process the data, performed necessary transformations and analyses.
- -Data warehouse development: Integrated processed data into an S3 data warehouse, used AWS Glue in order to create data tables and catalogs for efficient data management.

Cloud project 2

YouTube Data Pipeline

20/6/2024 - 30/7/2024

- Developed a complete pipeline to process and analyze available YouTube Trending dataset on Kaggle.
- -Implemented automation for downloading data from S3, performed preprocessing using AWS Lambda, then stored the results in Amazon Athena.
 - -Created SQL queries on Athena in order to extract insights from the data and visualized the results using Amazon QuickSight.

Hadoop

Crawl and storing data on

20/6/2024 - 30/2024

HDFS

- Data collection: Utilized the Selenium library to simulate user behavior, automatically search and download images from the target website.
- Data processing: Performed data cleaning and normalization on the image data to ensure consistency and quality before storage.
- Data Storage: Uploaded the processed image data to the HDFS distributed system, utilized its capabilities for efficient large-scale data storage and processing.