QUACH THE TRUONG

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SUMMARY

I am a detail-oriented computer science student looking for an internship in the data department. With a strong background in computer science and practical software development experience, I am passionate about machine learning and big data. My goal is to develop high-quality and scalable machine learning models.

TECHNICAL SKILLS

- **Data engineer:** Spark, Kafka, AWS, Airflow, Hadoop, Presto
- **Data science:** Tensorflow, Scikit-learn, Natural language processing, Computer vision, Reinforcement learning
- **Database:** Postgresql, Mysql, AWS Redshift, Elasticsearch, Redis
- **Web:** Nodejs, ReactJs, NestJs, ExpressJs,Angular, VueJs
- **Programing language:** Python, Java, Javascript, C++, Go, Html+css
- **Other:** Docker, Linux, Git, Gitlab CI/CD, Figma

EDUCATION

Bachelor of Computer Science   Aug 2019 - Present

Hanoi University of Science and Technology   3.0 GPA - Toeic 750 (2020)

EXPERIENCE

Pionero: Full Stack Web Development Intern   Feb 2022 – Jul 2022

- **Pingdaily:** An Enterprise Human Resource Management software
- **PRM:** School management software

PROJECTS

Financial Data Platform   Dec 2022 - Feb 2023

Repository: *github.com/qtt153759/bigdata_project*

- A pipeline for financial data from the internet to a dashboard
- Perform ETL operations on data from multiple sources using Kafka and Spark
- Save cleaned data to a Redshift data warehouse and visualize it with QuickSight
- Automate Data Pipelines with Apache Airflow

Pingdaily   Mar 2022 - Jun 2022

Repository:

- An Enterprise Human Resource Management software built with React and Microservice Nestjs
- Simplify employee management storing employee information, tracking attendance, managing timekeeping,and facilitating leave requests
- Integrated with slack and Google account
- Auto deploy using Docker containers on AWS EC2 and Gitlab CI/CD

Tourist Attraction in Hanoi: Multi-Label Image Classification   Jul 2023

Repository: *github.com/qtt153759/image_multilabel*

- Build a model to determine the location of tourists through their travel photos in Hanoi
- Classify images into one or more of the 10 available locations. Training dataset only has 200 labeled images
- Our appoach includes using ResNet50, GoogleNet, VGG, Vit, Autoencoder

Aspect Category Opinion Sentiment   Jul 2023

Repository: *github.com/qtt153759/ACOS*

- Build a model that aims to extract all aspect-category-opinion-sentiment quadruples from user's comment
- The model uses Flan-T5, a pretrained model that is based on prompting