Loc Tran Xuan

Data Engineer

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EDUCATION

The Bachelor of Science   2018 – 2022
VNU-HCMC University of Science
- **GPA**: 8.86/10
- **Achievements**:
  • Two publications on ACIIDS 2022 🔗 and KSEM 2022 🔗 .
  • Academic incentive scholarship: 2018, 2019, 2022.
  • Eureka Scientific Research Student Award: 2022.

WORK EXPERIENCES

Data Engineer   11/2022 – present
Yody Fashion Joint Stock Company
- **Responsibilities:**
  • Collaborate with Data Analysts and Project Owner to clarify the data requirements such as data source, volume of data and scheduling.
  • Collaborate with Quality Control to ensure the accuracy, consistency and security of data in order to stakeholders.
  • Monitor and schedule data crawling system to automation synchronize operational data for reporting periodically using Nifi and Airflow.
  • Optimize existing data pipelines and establish scalable data marts and other ETL process jobs using Spark, Airflow and GCP.
  • Participate and deploy a stable and scalable data solutions for Department of Data at YODY then successfully optimized the execution time by up to 50% in wrangling time, consistency, and cost-efficiency.
  • Troubleshoot and resolve data-related issues, including performance bottlenecks, data discrepancies, and system failures.
- **Technologies**: Spark, Nifi, Hadoop system, Pentaho, Python, Julia, Google Cloud Platform, Flink, Airflow.

Research Assistant   06/2021 – 06/2022
Computer Science Laboratory, VNU-HCMC HCMUS
- **Responsibilities**:
  • Implement and evaluate deep learning models to solve the link prediction problem on knowledge graphs on different benchmark datasets, and analyze the experimental results.
  • Publish research papers and present findings in two international conferences.
- **Technologies**: Pytorch, GCNs, GAT, CNNs, Geometric space, Knowledge Graphs.

SKILLS

IELTS 5.5 • Nifi • Hadoop • Spark • Flink • Airflow • GCP • Bash Scripts