

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:**
 - Developing and maintaining data pipelines that extract data using Nifi.
 - Construct and maintain data marts and other data pipelines using technology such as SQL, Python, and ETL tools to meet the specific requirements of data analysts.
 - Designing new data flow then successfully optimized data marts to reduce query execution time by up to 50% in data processing time and improved data accuracy.
 - Implementing a highly scalable data pipeline using Apache Kafka and Apache Flink to process real-time POS data for Inventory, Human Resources, and Sales reports.
 - Managing periodic jobs using Airflow.
- **Technologies:** Spark, Nifi, HDFS, Pentaho, Python, Java, GCP, Flink, Airflow.

Research Assistant

06/2021 – 06/2022

Computer Science Laboratory, VNU-HCMC HCMUS

- **Responsibilities:**
 - Design and implement Deep Learning models to solve the link prediction problem on knowledge graphs.
 - Evaluate the performance of various link prediction models on different benchmark datasets, and analyze the experimental results.
 - Conduct thorough literature reviews to stay up-to-date with the latest research.
 - Write research papers and present research findings at two Southeast Asian conferences.
- **Technologies:** Pytorch, GCNs, GAT, CNNs, Geometric space, Knowledge Graph.

SKILLS

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