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   06/2022 – present
Yody Fashion Joint Stock Company
- **Responsibilities:**
  - Develop and maintain 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.
  - Implement a highly scalable data pipeline using Apache Kafka and Apache Flink to process real-time POS data for Inventory, Human Resources, and Sales reports.
  - Collaborate effectively with cross-functional Backend and Frontend teams to identify requirements.
- **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