Phat Nguyen Thanh

INTERN DATA ENGINEER

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OBJECTIVE

Highly **motivated** and **analytical** aspiring Data Engineer **seeking an internship** position to **apply and enhance my skills** in data integration, ETL processes, and data warehousing. I am eager to **collaborate** with a **dynamic team** in a real-world setting to tackle complex data **challenges and gain** valuable insights into industry best practices.

EDUCATION

University of Information Technology   12/2020 - 12/2024

Major: Information System

GPA: 8.3/10

CERTIFICATIONS

IELTS 6.0   31/01/2023

KNOWLEDGE

- **Data Warehouse and Data Lake**: Knowledge of **organizing** and **structuring** data around specific subjects. Understanding **data modeling techniques** to design **efficient** and **scalable** data schemas.
- **SQL**: Proficiency in writing SQL queries to analyze and retrieve data from relational databases. Proficiency in writing SQL queries to analyze and retrieve data from relational databases.
- **Optimization SQL**: Knowledge of SQL query optimization techniques to improve the performance of database operations.
- **ETL**: Familiarity with ETL processes for data extraction from various sources, data transformation, and loading into target systems.

WORK EXPERIENCE

Project in University   27/02/2023 - 30/05/2023

ROLE: DATA ENGINEER

U.S. Grain Export Sales (27/02/2023 - 25/05/2023)

- 2 members.
- Responsibility: Perform data finding, analysis. Use **Microsoft SQL Server Integration Services** to build a **Data Warehouse**. **Writting queries** for further analysis as well as use Data Mining to find the characteristics of the data.
- About: **Performing** an **analysis** of U.S. grain export sales helps the U.S. know which countries to focus its exports on. In addition, using **Machine Learning** contributes to **predicting** which grain to use for export.
- https://drive.google.com/drive/u/1/folders/1DyNDym6i0zhyU_tQ5EeUuQPyh7WC1T7o

Application of PhoBERT base (27/02/2023 - 30/05/2023)

- 4 members.
- Responsibility: Learn the **architecture** of **PhoBERT**. How to **pre-trained PhoBERT_Base** for the user's purpose. In addition, search for the **right dataset** to bring the **best results**.
- About: Using PhoBERT to **make classifying** texts in Vietnamese easier as well as more accurate. It can also be used to **predict emotions**.
- https://github.com/thanhphatuit/phobertbase

SKILLS

Programing Language	Python, R
SQL and Database Management:	MySQL, SQLServer, Oracle
ETL	Microsoft SQL Server Integration Services (SSIS)
Troubleshooting và Problem-Solving	Skills in analyzing and troubleshooting in data processing and system management .
Data Visualization	Excel, Power BI
Other	Github