

NGUYEN HA MINH TUAN

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DATA ENGINEER INTERN

Aspiring Data Engineer with strong foundations in software development and data pipelines. Seeking opportunities to apply technical skills and contribute to data-driven solutions.

SKILLS

Tech (currently studying and practising)

Programming languages: Python, JavaScript, SQL

Front-end: HTML, CSS, ReactJs

Back-end: NodeJs, FastAPI

Data: Dagster, DBT, Apache Spark, Postgresql,

Docker. ETL/ELT

Additional skills

Teamworking, problem solving, time managing.

PowerPoint design, Canva, Adobe Photoshop

Office Tools: Word, Excel, PowerPoint,

Google Sheets, Google docs

EXPERIENCE

Software engineer intern

8/2024 - 1/ 2025

Moso team

- Learned about teamwork workflows and software development processes.
- Studied and practiced backend technologies such as Node.js, JavaScript, and networking, CI/CD, ...

PROJECTS

Real_Estate_Plaform (currently developed)

6/2025 - now

Individual Project

- Github: <https://github.com/orgs/real-estate-proj/repositories>
- Developed a full-stack project to strengthen software engineering skills, with a focus on the back-end system. Implemented CRUD operations for property management, apartment booking, reservations, and payments using **FastAPI**, **ReactJS**, **PostgreSQL** as the core technologies of this project
- Designed database schema and implemented CRUD operations for user authentication and property management.

LinkedIn_job_dataplatform (currently developed)

8/2025 - now

AIDE institute

- Github: https://github.com/AIDE-FDE/linkedin_job_dataplatform
- Built a data platform analyzing 50,000+ LinkedIn job postings (2023–2024), providing insights into hiring trends and workforce demand
- Built a data pipeline using **Dagster** as the orchestrator, dbt and **Apache Spark** for data transformation, **ClickHouse** as the data storage, and **MinIO** for object storage. Developed components in **Python** and served analytics through **Apache Superset**.
- Current progress: Designed the data pipeline, bronze layer, silver layer, data modeling for the data warehouse, ...

EDUCATION

University of Information Technology (UIT-HCMVNU)

Bachelor

2023-2027 | Studying

Current GPA (UIT) 3.2 / 4

Foreign Language: English