

# LUONG NGUYEN YEN NHI

## Data Engineer

Ho Chi Minh City • (+84) 378 282 298 • [github.com/lnynhi02](https://github.com/lnynhi02) • [yynhi1508@gmail.com](mailto:yynhi1508@gmail.com)

### CAREER OBJECTIVE

---

Aspiring Data Engineer seeking a fresher or internship role to grow professionally and contribute to the success of the team and company through dedicated efforts and impactful data-driven solutions.

- **Short-term Goal:** Secure a Data Engineer internship to gain practical experience and enhance my technical skills.
- **Long-term Goal:** Become a Senior Data Engineer within the next five years.

### TECHNICAL SKILLS

---

Python, PostgreSQL, MySQL, Spark, Kafka, Airflow, Docker, Azure

### PROJECTS

---

**Real-Time NYC Trip Analytics** | Python, Postgres, Kafka, Spark, PowerBI, Docker  
August 2024

Source: [Github](#)

- Implemented Docker to run Kafka and Kafka UI.
- Employed Spark to transform and compute streaming data from Kafka, performing real-time analytics.
- Calculated average hourly revenue, identified trip discrepancies between boroughs, and detected trips with unusual durations (e.g., under 2 minutes) or abnormal fare amounts (e.g., total amount not matching the sum of individual fees).
- Transferred data and computations to PostgreSQL for monitoring.
- Visualized and analyzed trip trend insights more easily with a PowerBI dashboard.

**Automated Job Data Pipeline** | Python, Playwright, Postgres, Airflow  
October 2024

Source: [Github](#)

- Used Requests and Playwright to scrape data from TOPCV.
- Cleaned the data and stored it in Postgres.
- Generated a "due date" field, representing the application deadline based on the remaining time to apply from the scraped data.
- Developed a procedure to update the "remaining time to apply" daily, e.g., from "24 days left to apply" today to "23 days left to apply" tomorrow.
- Utilized Airflow to orchestrate the data scraping, cleaning, and storage processes.

### EDUCATION

---

**Sai Gon University**  
*Bachelor of English Linguistic*

Ho Chi Minh City  
August 2020