

# Ngo Hong Thong

## Software Engineering

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### About Me

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- Looking for a data internship to apply my skills in data engineering. Highly self-motivated and adept at self-learning, aiming to contribute and develop in a dynamic setting.

### Education

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**Industrial University of Ho Chi Minh City ( IUH )**

*2022 – Now*

**Major:** Data Science - 3.36/4.0

### Experience

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**AI-Engineer intern**

*Dec 2024 – Now*

*Bluebolt-Software/Back-end*

- Collecting data from multiple sources, including web scraping and API integration.
- Designing and optimizing APIs to improve website functionality, enhance data retrieval speed, and boost backend performance.
- Integrating tools like Kafka to build a scalable data collection and processing system.

**Software Engineer Intern**

*Mar 2024 – Nov 2024*

*IX-Health/Front-end*

- Developing and optimizing the user interface for a fitness studio application and landing page
- Collaborating on integrating AI models to enhance personalized user experiences.
- Contributing to the overall performance optimization and user experience, making the product more engaging and effective for end-users.
- Focused on building user-friendly features and ensuring compatibility across different platforms and devices.

### Projects

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**Tiki E-Commerce**

*[github](#)* 

- Scraped data from Tiki using Apache Airflow.
- Performed ETL (Extract, Transform, Load) processes with Kafka to process the scraped data.
- Streamed processed data into PostgreSQL using Kafka.
- Configured and maintained PostgreSQL to ensure system stability and performance.
- **\*\*Tools Used:\*\*** Docker, Apache Airflow, Kafka, PostgreSQL

**WEB IUH lab**

*[Link](#)* 

- Created a web application for student clubs, events, and articles management with user authentication, event scheduling, and content management to streamline registration and improve communication.
- Team size: 3
- Role: Back-end, Consultant Front-end
- **\*\*Tools Used\*\*:** Django, React, PostgreSQL, Restful API, Axios, Sass, Bootstrap

## Technologies

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**Frameworks/Libraries:** Django, FastAPI, Express, ReactJs, Selenium, BeautifulSoup

**Technologies:** TensorFlowJs, Firebase, Cloudflare, Socket, Redux, Axios, Tailwinds, Bootstrap, Sass

**System:** Docker, Airflow, Kafka

**Database:** PostgreSQL, MySQL, MongoDB, SQLite

## Publications

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Building curriculum management software for Industrial Uninversity of Ho Chi Minh city	YSC-2024
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Xay dung cac thuat toan toi uu dua vao quan the cho bai toan phan cong lich giang day	SRW-2024
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