

Le Hoang Triet Thong Curriculum Vitae

Tan Phu Province, Ho Chi Minh city

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Education:

Swinburne University of Technology

Bachelor of Computer Science, Majoring in Artificial Intelligence.

Ho Chi Minh City, Viet Nam

Sep 2023 - Jan 2027 (Expected)

AI Vietnam 2024 (Specialized Courses)

Specify in Data Science, Machine Learning, Deep Learning

Online

Jan 2024 - May 2025

Work Experience:

AWS Study Group

AL/ML Ambassador

Ho Chi Minh City, Viet Nam

Jan 2025 – Present

- Developed a strong foundational understanding of core AWS services and key cloud computing concepts.
 - Practice in a series of hands-on labs to build practical skills, in order to build a comprehensive capstone project that integrated multiple AWS services later on.
 - Studied the practical applications of leveraging Artificial Intelligence and Machine Learning within the AWS ecosystem and services.
 - Actively participated in workshops and events to foster growth and collaboration within the AWS community.
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Project:

Queensland Road Safety Analysis

[Side Project \(May 2025\)](#)

- Executed data preprocessing and cleaning in R (e.g handling missing data for multiple columns, capping outliers) for gain insight from cleaned dataset later on.
- Leveraged Tableau to create a suite of five interactive dashboards to gain insights from the dataset, enabling dynamic exploration of crash patterns and severity distributions.
- Analyzed the comprehensive Queensland road crash dataset to uncover actionable public safety insights using both R and Tableau for distinct analytical tasks.

IBM Employee Attrition & Performance Analysis

[Side Project \(Apr 2025 – May 2025\)](#)

- Analyzed the IBM HR dataset to identify key drivers of employee attrition, providing actionable recommendations for retention strategies in Power BI.
- Executed an end-to-end analysis, from data cleaning and preprocessing in Python (pandas) to develop interactive dashboards in Power BI.
- Developed a suite of static and interactive visualizations to effectively communicate complex turnover trends and their underlying factors to stakeholders.

Apply ML for Used Car Price Estimation for Eureka Motors

[Side Project \(Apr 2025 – May 2025\)](#)

- Prepare and clean datasets (missing data, outliers, and inconsistent data types) for analysis.
- Apply supervised learning techniques by building, training, and evaluating regression models (Linear Regression, Random Forest) to predict used car prices
- Evaluate the model with R-squared, Mean Absolute Error (MAE), and Root Mean Squared Error (RMSE)
- Transform data (One-Hot Encoding and standardization data) for machine learning.

Web Scraping Project

[Personal Project \(Mar 2025\)](#)

- Developed a comprehensive web scraping tool to extract Greek and Latin root word data from Wikipedia for a self-learning English.
- Automated the collection and extraction of linguistic data across 24 distinct, alphabetized web pages.

- Parsed and structured the raw data, exporting over 24 CSV pages files containing root word etymology, meanings.

Snake Game Project

Personal Project (Jan 2025)

- Gained practical experience in utilizing generative AI tools effectively and responsibly within a software development context.
- Engineered a functional game prototype by leveraging Amazon Q (AWS) as an AI-powered development assistant.
- Applied prompt engineering techniques for brainstorming game mechanics, generating code, and accelerating the development lifecycle.

Media Storage Website with AWS

Course Project (Sep 2024 – Dec 2024)

- Deployed a full-stack web application for secure image storage and retrieval, with PHP and AWS service.
- Implemented core functionality enabling users to upload and retrieve images via a secure web interface.
- Developed a strong foundational knowledge of cloud-native architecture, serverless patterns, and core AWS services through hands-on application.

Leadership & Activities

ITea Lab

Ho Chi Minh City, Viet Nam

Head of Media Department

Jan 2025 – Present

- Directed the lab's media and community engagement strategy across digital platforms (Facebook, LinkedIn).
- Administered the official ITEA Lab Facebook fanpage, developing a content plan focused on sharing academic knowledge and re-cap lab event.
- Fostered a strong online community by creating engaging posts and managing audience interaction.
- Served as the primary photographer and videographer for all lab events, capturing images for promotional use and archival purposes.

SMACK Vovinam Club

Ho Chi Minh City, Viet Nam

Vice President – Head HR Department – Member of the Specialist

Aug 2023 – Aug 2024

- Co-led all club operations, overseeing strategic planning, member activities, and administrative functions.
- Headed the Human Resources department, fostering a supportive and constructive environment for all members.
- Served as a specialist member and instructor, providing expert mentorship and teaching Vovinam techniques.
- Acted as the primary liaison with university administration, coordinating collaborative events and ensuring professional conduct.

Head Media Department

Mar 2023 – Aug 2024

- Directed the club's media and communications strategy across all digital platforms.
- Managed a team to create engaging content that promoted club activities and values.
- Cultivated a strong online community, enhancing member engagement and public visibility.