

# Chau Vinh Dat

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## Introduction

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Dedicated IT student of VNU-HCM University of Science, major in Computer Science. Essential knowledge of software process, machine learning and data processing. Continuously develop profession and skills from feedback, and maintain up-to-date technologies.

## Education

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**VNU-HCM University of Science**, major in Computer Science 2022 – current

- GPA: 3.8/4.0
- **Coursework:** Machine Learning, Data Mining, Computer Vision, Natural Language Processing

### Languages

- Vietnamese - Native
- English - C1 level
- Japanses - N4 level

## Technologies

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**Programming:** C/C++, Python, SQL, JavaScript, C#

**Technologies:** SQLite, SQL Server, Pandas, Pytorch, Git, SocketIO, Firebase

## Projects

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**Vietnamese Wikipedia QnA** Mar 2025

- Used a Vietnamese QnA dataset to finetune the XLM-RoBERTa model
- Crawl data from Vietnamese Wikipedia using Google Search API
- Tools Used: Python, Pytorch, Gradio

**Rhythm split for Chinese Poems** Dec 2024 - Jan 2025

- Built a N-Gram model using KenLM and Chinese Wikipedia dump as corpus
- Crawl poem data from thivien using BeautifulSoup to create a dataset
- Applied rhythm classification with machine learning models: Decision Tree, K-NN, Naive Bayes
- Tools Used: Python, KenLM model, Sklearn

**Virtual Chat 3D** Oct 2024 - Dec 2024

- Built a Socket server using JavaScript for messages functions and Firebase manipulation
- Learned th MVC software structure
- Learned software development process: Agile and scrum
- Tools Used: JavaScript, Firebase, Jira (for management)

## Achievement

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- ICPC Southern Province contestant 2023
- ICPC National contestant 2024
- **Second prize** in HCMC contest for gifted students of competitive programming
- **Microsoft Office Specialist (MOS)** for Office Word 2016