


CURRICULUM VITAE – DAO XUAN HOANG TUAN

PERSONAL INFORMATION

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INTRODUCTION

As a 3rd year student, I have a strong desire to become a data scientist. My passion for machine learning and deep learning algorithms motivates me to constantly seek new knowledge. Looking to the future, I aim to get a PhD in computer science and become a successful AI Engineer.

EDUCATION & ACTIVITIES

Industrial University of Ho Chi Minh City *2021-Present*
- Third-year student *GPA: 3.02/4.00*
Mentor of 2 Academic clubs *2021-Present*
- Programming Lab (Specializes in competitive programming)
- AI Club - Data Innovation Lab (Specializing in artificial)
Teaching assistant and lecturer for new students *2021-Present*

PROJECT & RESEARCH

- **Fact Checking for Vietnamese. – UIT Challenge.**
 - Retrieve evidence in context with Question Answering using pretrain Vietnamese Bi-Encoder.
 - Use PhoBert for classification task and use Natural Language Inference with pre-train XLM-RoBERTa to classify text.
- **Machine learning lecture of AI Faster team**
 - My lecture series in the AI Faster group, this group is lead by me
- **Game AI Demo K19.**
 - An computer vision application game I made to present in the hall to new students
- **Application of Image Processing Techniques Combined with Deep Learning Networks for Breast Cancer Detection**
 - Research on application of image processing techniques combined with deep learning networks to detect breast cancer, the paper was accepted at the YSC conferences (Co-author).
- **Privacy-Preserving Data Analysis on Blockchain's Merkle Tree**
 - Research on the application of combining blockchain merkle tree and PIR, the paper was accepted at the YSC and Eureka conferences (Co-author).
- **Use Clustering Algorithm To Recommend Employee Staff Location**
 - Researching the appropriate location for bus stops, the paper was accepted at YSC and Eureka conferences (Leader by me).

SKILLS

Programming languages: Python, Java, C/C++, Html/Css.
Office softwares: Microsoft Office, LaTeX.

EXPERIENCE

- **Intern at Real-Time Analytics (RTA) – Data Engineer(3/2023 - 9/2023).**
 - Collect data and enrich business data.
 - Crawl active website Viet Nam.
 - Create AI Agent tools to support work.

AWARD & HONORS

- **InnoGreenLife 2023 Innovation Startup Competition**
- First prize 2023
- Core-team of IUHCoder.
- **ICPC National 2022 (Vietnam)**
- Third prize. 2022
- Leader of team IUH.Ocean.
- **UIT Data Science Challenge 2023**
- Leader of team IUH.AI Faster Varian 2023
- Top 12 private test round.