CURRICULLUM VITAE – DAO XUAN HOANG TUAN

PERSONAL INFORMATION

 Ho Chi Minh City, Viet Nam.
 +84337097115
 @AppSalmon
 hoangtuan.salmon@gmail.com
 Blog: Salmon

INTRODUCTION

As a third-year student, I have a strong desire to create useful products for everyone. My passion for technology and AI motivates me to constantly seek new knowledge. Looking to the future, I aim to become a good AI engineer and develop products that have a great impact on society.

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 & RESEACH

- **AIstyle E-commerce website using AI chatbot.**
  - Leader of team Funny IUH (Top 24 Vietnam Datathon 2023).
  - Responsible for product, planning, project management and backend code.
- **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.

Special skills: Problem solving, communication and leadership, rapid self-study.

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.

- **InnoGreenLife 2023 Innovation Startup Competition**
  - First prize *2023*
  - Core-team of IUHCoder.

- **ICPC National 2022 (Vietnam)**
  - Third prize. *2022*
  - Leader of team IUH.Ocean.

- **YSC conference - IUH Young Scientific Research**
  - 3 papers accepted. *2022, 2023*
  - 1 paper Deep learning, 1 paper Machine learning, 1 paper Blockchain.

- **Eureka scientific research at school level**
  - 2 consolation prizes. *2022, 2023*

- **UIT Data Science Challenge 2023**
  - Leader of team IUH.AI Faster Varian *2023*
  - Top 12 private test round.