CURRICULLUM VITAE – LE THANH NGHIA

PERSONAL INFORMATION

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EDUCATION & EXPERIENCE

Industrial University of Ho Chi Minh City	*2020-Present*
Senior student of Data Science	*GPA: 3.56/4.00*
Ninja van Vietnam	*2023-Present*
QA/Data Sciencetist	*Intern*

PROJECT

- **Face Analysis. –AI Hackathon.** (Top-8)
  - Finetune YOLOv8 in Face detech phase with mAP50 score up to 0,993. In the classification phase, apply ViT to identify all the features of the human face.
- **Fact Checking for Vietnamese.** – **UIT Challenge.**
  - Retrieval top 5 sentences in context using Vietnamese Bi-Encoder.
  - Using PhoBERT-base in classification task which gain F1-Score : 0,93.
- **Vietnamese Handwritten Text Recognition.** – **Kalapa Challenge.** (Co-Author)
  - Design a CRNN network architecture and training on handwritten addresses in Vietnam
  - Apply CTCloss Function to a criterion of the model and gain 0,91 F1 score on Kalapa challenge.
- **Visual Question Answering for Vietnamese.**
  - Design a Stacked Attention Network for integrating image and text features in order to produce an answer to the given question using information extracted from the image.
- **Appication Image Processing Combined Deep Learning Networks for Breast Cancer Detection** – **Research.**
  - Utilizing image processing techniques and enhancing images with deep learning to classify breast cancer based on X-ray images

SKILLS

Programming languages: Python, Java, C++, SQL.

Special skills: Mathematical, optimization knowledge, deep learning, and proficiency in English.

AWARD AND ACTIVITIES

- **Olympic Mathematics for Vietnamese students** — *Apr 2023*
  - Third Prize (Bronze medal).
- **Top 8 - AI Hackathon 2024** — *Jan 2024*
  - Public score: 25.82/30 (Top 4)
  - Private score: 24.07/30
- **Kapala Challenge 2023** — *Nov 2023*
  - Top 12 private test round.
- **UIT Data Science Challenge 2023** — *Oct 2023*
  - Top 5 public test round.
  - Top 14 private test round.
- **Participate in YSC 2023 (Young Scientists Conference)** — *Sep 2023*
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- **School-level Incentive Award Eureka 2023.** — *Sep 2023*
- **Mentor of AI Club IUH.**
  - Teach mentee skills: Python, Visualization, Machine Learning — *2022-Present*
- **Received a scholarship for IUH semesters** — *2021-Present*