

Nguyen Nhat Minh

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EDUCATION

SUNGKYUNKWAN UNIVERSITY

B.S. Computer Science

Major in Software Engineering

Research Interest: Large Language Models, Natural Language Processing, Computer Vision, Machine Learning

Suwon, South Korea

Expected 2028

NANYANG TECHNOLOGICAL UNIVERSITY

Incoming Exchange Student, Computer Science

Singapore, Singapore

Aug 2026 – Dec 2026

EXPERIENCE

Human Language Intelligence Laboratory

Natural Language Processing Research Intern

Suwon, South Korea

Jun 2025 – Sep 2025

- Implemented text-infilling pipelines using PyTorch and Hugging Face Transformers for masked language modeling to support research on generative NLP models (BERT Language models) on the Vietnamese language.
- Improved cultural representation in language models by integrating diverse datasets, fine-tuning BERT models to achieve 32% accuracy boost in the cultural knowledge testing task.
- Implemented a novel evaluation metric, such as the Cultural Bias Score (CBS score) to measure model performance, and conducted experiments on bias detection and mitigation in Large Language Models (LLMs).
- Helped check and confirm the accuracy of the Vietnamese datasets used for the research.

Đép's CKB services

Founder

Hanoi, Vietnam

Sep 2020 – Jan 2024

- Service provider in modifying custom keyboards, including lubing components, custom keyboard parts configuration advisor, warranty, customer support, and aftercare services.
- Advertised our workshop on different platforms and did collaborations, which dramatically improved our reputation from a small user group within the high school to a large community comprising over 100k members across the nation within 2 months. Our collaborations drastically enhanced our revenue by roughly 250% after 2 months of networking.
- Managed the workshop funds and resources in which allowed the business to sustain and thrive through the pandemic, gained the trust of 30+ loyal service users, contributing over 20k USD to the business

UNIVERSITY PROJECTS

Capstone Design Project

Sep 2024 – Dec 2024

Lab Access System for Lab Reservation System

- Contributed to building an AI face recognition function for a lab reservation system by researching the efficiency and compatibility of OpenCV and TensorFlow libraries with our current hardware system
- Responsible for hardware management through the contribution to project hardware selection, balancing between our budget and functionality, and designing and modifying 3D components, models, and printing for our project
- Contributed to product testing and resolving software and hardware conflicts for our project, maintaining the full working efficiency of the final product

SKILLS

Programming Languages: Python, C

Web Technologies: HTML, CSS

Tools & Systems: Git, GitHub, Docker, Linux

LANGUAGES

Vietnamese: Native Speaker

English: Full Professional Proficiency

Korean: Elementary Proficiency