

NGUYEN HOANG ANH TU

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EDUCATION

INTERNATIONAL UNIVERSITY (IU) – VNU HCMC

Thu Duc City, Ho Chi Minh City

Senior in Data Science, GPA: 86.6/100

Sep 2020 – Present

Relevant Coursework: Critical Thinking. Data Analysis. Regression Analysis. Linear Algebra. Statistic Method. Fundamental of Programming. Fundamental of Data Security. Object-Oriented Programming.

SKILLS AND LANGUAGES

Programming languages: SQL, Python, R, HTML, CSS, ODOO.

Tools: Microsoft Office, Power BI, Rapid Miner, Weka.

Language: Vietnamese (native), English (IELTS 6.5).

EXPERIENCES

KIEN VIET JOINT STOCK COMPANY

Tan Binh District, Ho Chi Minh City

IT Intern

June 2023 – August 2023

Analyzed and comprehended code within the HR module in ODOO. Analyzed business processes of the parking management system. Explored image processing techniques and their application to license plate recognition problem.

INTERNATIONAL UNIVERSITY (IU) – VNU HCMC

Thu Duc City, Ho Chi Minh City

Member of the Faculty's Quality Assurance Team

April 2023 – Present

Assisted in report writing and formatting. Being responsible for translating documents and being an Ambassador of Data Science student to communicate with the ASIIN team.

Scientific Research Student

Sep 2022 – Present

Being a member of the Data Science laboratory to research further in many kinds of problems in Data Science and AI and learning how to write a scientific research paper as well as helping freshmen in the laboratory.

British Airways – Natural Language Processing

Completed two tasks in British Airways Virtual Internship. Collecting data from website to analyze the data and apply NLP techniques and models to predict customer's satisfaction and predict whether customer booking the flight or not.

AI Challenge – Computer Vision

Making an overall plan, divide tasks for members. Preparing the data. Researching about Vector Database, Data Augmentation, Word Embedding, Visual Retrieval to use, change, and apply in Fiftyone application and SOM Hunter.

AQI Estimation – Time Series

Making an overall plan, divide tasks for members. Preprocessing and transforming the data before applied models. Using Deep Learning models as VAR, Prophet, LSTM, CNN+LSTM to predict the AQI value in Time Series.

Vietnamese Students' Depression Levels – Prediction

Preparing the data by collecting forms. Analyzing the data by visualizing in Power BI. Using many methods to select key features by using Weka. Applying traditional in Scikit Learn library to classify the Vietnamese student's depression level.

Part-time Secretary of School of Computer Science and Engineering Sep 2022 – Mar 2023
Assisted in report writing and formatting. Supported to verify student's curriculum. Supported lecturers to connect students and vice versa. Supported CSE students in their courses.

Teaching Assistant Sep 2022 – Feb 2023
Being teaching assistant of the Regression Analysis and the Principles of Database Management. The tasks are helping students in their projects and hosting meetings to revise the knowledge for students before examinations.

EXTRA ACTIVITIES

IU STARTUPDEMO DAY Mar 2023 – May 2023
Being a leader of the team and guiding team in the BetterDay project (an applications for Vietnamese citizens having mental health problems) to be one of Top 10 team in competition and received the Audience Choice Award. Articles published at [Nhan Dan](#) and [Thanh Nien](#) news.

IT YOUTH UNION – STUDENT UNION Oct 2021 – Nov 2022
Being a leader of the Operation department. Expense management and implementation of strategies. Communicating with the sponsors and lecturers in each event. Supported and helped with psychological problems for individuals in need.

IT HACKATHON 2022 May 2022 – July 2022
Being a vice leader of Sponsor Affairs Team. Prepared cooperation proposal and media sponsorship proposal. Searched, contacted, and connected sponsors. Considered and promoted the organization to fulfill the requirements of sponsors and media sponsors.

CERTIFICATIONS

International University: Scientific Research Student (2023), Teaching Assistant for Regression Analysis (2023)

AI for Everyone: Completion the Python for Data Science (2021) and the Deep Learning courses (2023).

AWARDS

International University: Encouraging Study Scholarship (the highest score corresponding to the most credits in Data Science department in one semester) three times in total four main semesters studying major subjects.

PUBLICATIONS

VNICT 2022: Analysis and implementation of machine learning to forecast Vietnamese students' depression levels.

REFERENCES

Assoc. Prof. Nguyen Thi Thuy Loan – Head of Data Science Department at IU – VNU HCMC

Email: nttloan@hcmiu.edu.vn

Assoc. Prof. Vo Thi Luu Phuong – Head of Information Technology Department at IU – VNU HCMC

Email: vtlphuong@hcmiu.edu.vn