Nguyen Ngoc Tri Vi (Nguyễn Ngọc Trí Vĩ)

Fourth-year student majoring in Data Science and Artificial Intelligence

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Summary

Fourth-year Data Science and AI student at HCMC University of Industry and Trade (HUIT), with a passion for using AI to create innovative solutions for digital transformation in education. I enjoy collaborating with others, taking on challenges and making a positive impact in my community.

Education

Ho Chi Minh City University of Industry and Trade　　　　　　　　Ho Chi Minh City, Vietnam

Bachelor of Data Science and AI　　　　　GPA: 3.63/4.0　　　📅 Oct 2020 – Aug 2024 (Expected)

Skills

Proficient:

- Python programming: Proficient in utilizing Python and its essential libraries, including NumPy, Keras, OpenCV, Scikit-learn, Tkinter, Matplotlib, Seaborn, and more.
- Microsoft Office suite: Demonstrated proficiency in Word, Excel, and PowerPoint for effective data analysis, documentation, and presentation.

Familiar:

- Machine Learning concepts: Understanding of machine learning principles, encompassing linear regression, decision trees, k-nearest neighbors, clustering, gradient descent, perceptron learning algorithm, and neural networks.
- SQL Server: Basic knowledge and familiarity with SQL Server for database management.
- Programming languages and Scriptings: Familiarity with programming languages such as C/C++, C#, Java and scripts HTML/CSS for web development.
- Tools: Proficient in utilizing tools like GitHub and Jira for collaborative development and project management.

Awards received

Achieved the "Clean code" award and consolation prize in the "Finding talents and innovative IT products in the digital age" competition at HUIT.

Excellent Student Award for the academic year 2020-2021.

Receiving academic good scholarships for every semester.

Activities

Attended data science and AI conferences or workshops.

Participated in competitions and activities about programming at school.

Regularly donate blood to help others and support community health initiatives.

Interests and Hobbies

Enjoy reading books on AI, psychology, and history to enhance knowledge and gain new insights.

Technology and innovation, especially in the field of AI.

Staying active and participate in sports such as football and jogging to maintain a healthy lifestyle.

Projects

Competition	Name	Digit recognizer competition - Kaggle
	Detail	Digit recognizer prediction competition on Kaggle using CNN with 0.9991 score (ranking 43)
	Colab	nntrivi2001/Digit-recognizer---CNN

Competition	Name	House prices competition - Kaggle
	Detail	House prices prediction competition on Kaggle using XGBoost with 0.13384 score (ranking 1166)
	Github	nntrivi2001/House-Prices-Prediction---XGBoost

Competition	Name	Titanic competition - Kaggle
	Detail	Titanic competition on Kaggle with 0.818 accuracy (ranking 227) using XGBoost and RandomForest
	Github	nntrivi2001/Titanic-Competition---RandomForest

Coursework	Name	Heart disease prediction
	Detail	Heart disease prediction using SVM, Naive Bayes, XGBoost, and ANN with GUI. Connect to database (SQL Server), save and show medical record of specific patient through ID.
	Github	nntrivi2001/Heart-Disease-Prediction-GUI

Coursework	Name	Image Processing
	Detail	Sharpen, blurred, segmentation, boundary extraction, feature extraction image(s) by many techniques with GUI.
	Github	nntrivi2001/Image-Processing -GUI

Coursework	Name	Face recognition
	Detail	Face Recognition on a Photo and in Realtime Webcam using Dlib and OpenCV with GUI.
	Github	nntrivi2001/Face-recognition -GUI