**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**

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| Coursework | Name | Heart disease prediction with GUI |
| 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](https://github.com/nntrivi2001/Heart-Disease-Prediction-GUI) |

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| Coursework | Name | Image Processing with GUI |
| Detail | Sharpen, blurred, segmentation, boundary extraction, feature extraction image(s) by many techniques with GUI. |
| Github | [nntrivi2001/Image-Processing-with-GUI](https://github.com/nntrivi2001/Image-Processing-with-GUI) |

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| Coursework | Name | Face recognition with GUI |
| Detail | Face Recognition on a Photo and in Realtime Webcam using Dlib and OpenCV with GUI. |
| Github | [nntrivi2001/Face-recognition-with-GUI](https://github.com/nntrivi2001/Face-recognition-with-GUI) |