





Nguyen Ba Ngoc (Nguyễn Bá Ngọc)

Machine learning Intern

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Summary

Fourth-year Data Science and Artificial Intelligence student at Ho Chi Minh City University of Industry and Trade (HUIT). With the aim of becoming an artificial intelligence engineer, I am currently seeking internship positions to gain practical experience.


Education

Ho Chi Minh City University of Food Industry

Ho Chi Minh City, Vietnam

Bachelor of Data Science and AI

GPA: 3.18/4.0

 Oct 2020 – Aug 2024 (Expected)

Skills

Proficient:

- **Python languages:** Proficient in using libraries including: NumPy, Scikit-learn, Keras, TensorFlow, and Tkinter.

Familiar:

- **Machine Learning:** Knowledgeable in various concepts and experienced in working with both supervised and unsupervised machine learning models.
- **Android:** Knowledgeable and experienced in developing Android mobile applications using the Java programming language..
- **Database Management:** Basic knowledge and familiarity with SQL Server, MongoDB, Neo4J for database management.
- **Programming languages and Scriptings:** Familiarity with programming languages such as C/C++, C#, Java and scripts HTML/CSS for web development.

Soft Skills: Capable of working independently and collaboratively with team members, effectively meeting project deadlines. Strong presentation and critical thinking skills.

Awards received

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

Received a scholarship from the school.

Activities

Attended data science and AI conferences or workshops.

Participated in competitions and activities about programming at school.

I am a member of the 'Tình nguyện xanh' club participating in activities such as distributing meals to underprivileged individuals and organizing playgrounds for children in disadvantaged areas.

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

Interests and Hobbies

Technology and innovation, especially in the field of AI.

Cooking delicious meals for my family

I have a habit of exercising and playing badminton to maintain good health.

Projects

Coursework	Name	Secure Memo
	Detail	Building face authentication functionality using Siamese Neural Network My role: Developing the application and the facial recognition feature.
	GitHub	nntrivi2001/SecureMemo
Coursework	Name	Family Tree
	Detail	The project involves building a family tree application using Java and Neo4j. My role: Creating interfaces for adding, deleting, and editing information of family members, as well as functionalities for adding, deleting, and editing relationships among family members.
	GitHub	nguyen378/FamilyTree
Kaggle Competitions	Name	Digit Recognizer
	Detail	Correctly identify digits from a dataset of tens of thousands of handwritten images(MNIST). Using CNN for prediction, with a score: 0.98282
	GitHub	nguyen378/Digit-Recognizer
Kaggle Competitions	Name	House prices
	Detail	Predict the sales price for each house. Using ExtraTreesRegressor for prediction, with a score: 0.30938.
	GitHub	nguyen378/HousePrices
	Name	Titanic

Kaggle Competitions	Detail	Predicts which passengers survived the Titanic shipwreck. Using XGBoost for prediction, with a score: 0.76555.
	GitHub	nguyen378/Titanic

Kaggle Competitions	Name	Spaceship Titanic
	Detail	Predict which passengers are transported to an alternate dimension. Using Random Forest for prediction, with a ranking of 550/2260.
	GitHub	nguyen378/SpaceshipTitanic

Coursework	Name	CringeMPOne
	Detail	Music streaming application inspired by ZingMP3. My role: Developing song search functionality, connecting, and storing user data on Firebase.
	GitHub	CringeMPOne

Coursework	Name	Stroke disease prediction with GUI
	Detail	Stroke disease prediction using SVM, Decision Tree, MLP with GUI. Connect to database (SQL Server), save and show medical record of specific patient through primary key.
	GitHub	nguyen378/StrokePrediction

Coursework	Name	Image Processing with GUI
	Detail	Sharpen, blurred, segmentation, boundary extraction, feature extraction image(s) by many techniques with GUI.
	GitHub	nguyen378/ImageProcessing