

Tran Duc Manh

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EDUCATION

- **Hanoi of University of Science and Technology** Hanoi, Vietnam
4th year student; GPA: 3.54/4.00 *Aug. 2019 – now*

PROJECT

- **Face Emotion Recognition:** <https://github.com/manhnamabc123/Face-Emotion-Recognition>
 - Python, PyTorch
 - A model to classify human's face emotion (happiness, sadness, anger, fear, disgust, surprise and neutral)
 - A deep learning, using Attentional Convolutional Network. Attention mechanism is added through Spatial Transformer Network
- **Chatbot:** <https://github.com/manhnamabc123/Deep-Chatbot>
 - Python, PyTorch
 - A chatbot using Deep Learning
 - Using Sequence-to-Sequence Model train on Cornell Movie-Dialogs Corpus dataset
- **Neural Machine Translation:** <https://github.com/manhnamabc123/Neural-Machine-Translation>
 - Python, PyTorch
 - Neural Machine Translation on multiple Model from English to Vietnamese
 - Answer 2 research questions:
 - * Is Sequence-to-sequence model using GRU with Attention mechanism better than one without it?
 - * Is Sequence-to-sequence model using Transformer better than one using GRU with Attention mechanism?

PROGRAMMING SKILLS

- **Key Skills:** Machine Learning Basic, Deep Learning Basic, Classification Model, Transfer Learning, Hyperparameter Tuning, Structure Machine Learning Project
- **Technical Skills:**
 - **Languages:** Python, Java, C, SQL, HTML, CSS
 - **Frameworks:** Django, Tensorflow, PyTorch
 - **Technologies:** Android Studio
 - **Packages:** Pandas, NumPy, BeautifulSoup

SKILLS & CERTIFICATE

- **Japanese:** JLPT N3
- **Coursera's Certificate:**
 - Neural Networks and Deep Learning: Course's Certificate
 - Improving Deep Neural Networks: Course's Certificate
 - Structuring Machine Learning Projects: Course's Certificate
 - Convolutional Neural Networks: Course's Certificate
 - Sequence Models: Course's Certificate