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/manhlamabc123/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/manhlamabc123/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/manhlamabc123/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
  - Improving Deep Neural Networks
  - Structuring Machine Learning Projects
  - Convolutional Neural Networks