

Tran Duc Manh

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EDUCATION

- **Hanoi of University of Science and Technology** Hanoi, Vietnam
4th year student; GPA: 3.53/4.00 *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
- **Face Mask Detection:** <https://github.com/manhnamabc123/Face-Mask-Detection>
 - Python, Tensorflow
 - A model to detect if the person is wearing mask or not
 - Using Haar Cascade to detect the face, then crop it out then use pre-trained model to classify. (Pre-trained model: This model applied Transfer Learning on pre-trained MobileNet. Trained on last 2 added layers)
- **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

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
 - **Frameworks:** Django, Tensorflow, PyTorch
 - **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