



Trương Trần Vỹ

Internship - Data Scientist

Date of birth: May 7, 1998

Gender: Male

Phone: 0943573731

Email: ttvy.tdtu@gmail.com

Address: HCM, Vietnam

Website: <https://www.facebook.com/ttv7598/>

INTRODUCTION

- i am a last year Computer Science student and graduate on july 2020. I also studying master program at Ton Duc Thang University.
- Especially, i passionate about learning new technique . I really love a job which can improve my skills and knowledge .
- i am able to read and understand english documents,papers . I think that my searching skills is the best which help me solve any problems
- i am looking for a company can give me challenges to try my abilities.

EDUCATION

may 2016 - now

Ton Duc Thang University

Major: Computer Science

CPA: 2.8/4

EXPERIENCE

May 2016 - now

Ton Duc Thang University

General knowledge

- I have Learned machine learning models like: decision tree, k-NN, k-mean, SVM, linear regression, naive bayes, neural network, RNN, GRU, LSTM ...

- I have also had knowledge of natural language processing and a little bit of image processing :

Natural language processing : word representation (word2vec, fastText ,glove, elmo), linguistic feature(subword, morphology, lemma POS tagging), word segmentation, language models

- I got some knowledge in CS246 (mining massive datasets): measure distance, recommendation system, some algorithm with graph and clustering.

- i am usually using sklearn, keras for creating learning model and numpy, pandas, stanza, pyvi, nltk, gensim, keras, tensorflow,opencv and tools relevant NLP for pre-processing data.

- All of things above , i use python to complete them,1 year python experience .

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Assignments , Projects and Experience

- Mail spam detection, with english emails , naive bayes model, and get the result with f1 score is 0.95
- POS tagging , coding from scratch , dataset is vietnamese document and provided by my teacher, using hidden markov model with viterbi algorithm, the result is 94.5 F1 score
- Sentence classification , dataset is vietnamese (sentence,what the sentence is asking), it is made by my classs, pre-processing with remove stop words, execute lemme, word sementation, model is SVM, the result with 81 F1 score.
- I reimplement 'Sequence to Sequence Learning with Neural Networks' with english-vietnamese dataset , encode-decode model and get the result with 28,45 BLEU socre.
- I reimplement ' Effective Approaches to Attention-based Neural Machine Translation' english-vietnamese dataset, soft-attention model combined with linguistic feature(lemma) in vector word, and get the result with 30,2 BLEU socre.
- I reimplement 'Residual Attention Network for Image Classification' dogs and cats dataset, Residual Attention model (Stacked network structure,Attention Residual Learning, Bottom-up top-down feedforward attention), and get the result with 83.5%
- NER, dataset is invoices (30 samples) BiLSTM+CRF model, result with 24.5 F1 score

CERTIFICATIONS

2019	TOEIC Certificate with score 675 , VUS pre-itels
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SKILLS

Language	basic writing, speaking , listening, reading
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