PHẠM DƯƠNG THÀNH LONG

AI Engineer (Python)

github.com/pdtlong

BIOGRAPHY: I'm currently working as an A.I. Freelancer while following a Master's degree in Computer Science at Ton Duc Thang University. I previously worked as an Intern A.I Research and Developer at TDT University's NLP and Knowledge Discovery Lab for about 5 months. My strong skills include: Database systems, Predictive modeling, Data Mining, and NLP techniques.

OBJECTIVE:
• The short-term goal is to find a highly challenging environment where you can sharpen your skills in big data, optimize algorithms, and solve real-world problems. Improve English communication skills and graduate with a good master's degree.
• The long-term goal in the next 3 years is to become a Senior Data Scientist or AI engineer working on International large projects that can withstand high pressure. Master a field in NLP or Computer vision.

CONTACT INFO

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Hard Skills

- Probability
- Data mining
- Data Preprocessing
- Data Analysis, Visualization
- Predictive Modeling
- Machine Learning Algorithms
- Natural Language Processing

Soft Skills

- Critical Thinking
- Problem Solving
- Self-study
- Inquisitiveness
- Communication
- Research
- Teamwork
- Adobe Photoshop
- LaTex Editor

Certificates

- English level B2 CEFR -*Busuu*
- SQL (Advanced) - Hacker Rank
- Deep Learning Cognitive - IBM
- Kaggle Certificates:
  - Advanced SQL
  - Machine Learning (Intermediate)

REFERENCES

Assoc Prof Dr Le Anh Cuong
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EDUCATION

MASTER OF COMPUTER SCIENCE, *Ton Duc Thang University* | *2021 - Present*
- **Relevant Courses:** *Probabilistic Analysis Machine Learning, Big Data, Data Mining, NLP Data Visualisation and Exploratory Analysis, Computer Vision,..*
- **GPA:** 8.8 *(completed 75% of the main course)*

BACHELOR OF COMPUTER SCIENCE, *Ton Duc Thang University* | *2016 - 2021*
- **Specialization:** *Intelligent Computing & Artificial Intelligence*
- GPA: 7.6

Technical Skills

- **AI | Machine learning:** SVM, Neural Network, CNN,RNN, LSTM, Random Forests, Naive Bayes classifier, Autoencoder, Computer Vision,..
- **NLP:** Part-of-speech tagging, Text summarizer, Dependency Grammar, Word2Vec Text Classification, Word embedding (BERT / GloVe / ELMo/ fastText),..
- **Database:** Experienced with MS SQL, basic of Google BigQuery, Power BI,..
- **Packages:** Numpy, Scikit-learn, Pandas, Tensorflow, NLTK, Keras, Google Colab, Git
- **Programing Skills**: Strong of Python, SQL Server, basic of OOPs concepts & patterns

WORK EXPERENCES

Intern A.I Research and Developer (Outsourcing):

Natural Language Processing & Knowledge Discovery Laboratory
In Ton Duc Thang University | 4 /2019 - 9 /2019

- Collaborating with a team of 8 members, including 5 natural language processing experts on a Startup Project which develops an automatic English grammar prediction and recommendation system.
  - Working on the role of building the function of correcting grammatical errors and predicting relationships between words in the system
- Building a Dependency Structure Trees in Syntax based on Machine learning:
  - Completed the process of building a basic Transition Based Dependency Parsing model.
- Building a OCR system which uses Image Processing & Computer Vision to extract information from ID cards from photos archived about 90% accuracy score

Freelancer A.I Engineer | *12/2021 - 6/2022:*

- Building a Classification model to predict customers' purchasing decisions based on their behavior on the e-commerce platform to deliver appropriate advertising.
- Building some of Vietnamese's Text Abstraction Summary Model Based on BERT Word Embedding and custom Neural network and model GAN.
- Building a classification model to find similar products based on images of fashion products