

Do Thanh Binh

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Education

Ha Noi University of Science and Technology
B.Sc., Computer Science

Ha Noi
Aug 2013 - Jun 2018

Working Experience

Computer Vision laboratory

Research Assistant

MICA HUST, Ha Noi

Jun 2016 - present (on-going)

- Worked on **Plant Identification problem**, using Deep Learning model based on PlantCLEF dataset.
- Used *AlexNet*, *GoogleNet* for each task on single organ identification.
- **Improved** the identification accuracy by late fusion on multiple organs (got **better** 10-20% accuracy than single organ and 1-2% than a lot of baseline fusion such as: sum rule, max rule, product rule).

VCCorp corporation

Part-time Machine Learning Researcher

Ha Noi

Aug 2016 - present (on-going)

- Researched about **Deep Learning for sentiment problem**.
- Built a **large and clean** Vietnamese dataset then experimented in *LSTM*, *GRU*, *Word2vec* & *Sentiment2vec* embeddings.
- Got **over** 85% accuracy in the sentence level for 2 labels (Positive, Negative) and over 70% accuracy for 3 labels (Positive, Negative, Neutral).

WorldQuant company

Research Consultant

Ha Noi

Jun 2017 - present (on-going)

- Analyse and build **quantitative models** based on the past financial data in order to predict the future price of stocks.
- Experimented: technical indicators, fundamental analysis, stochastic processes, statistical learning, data mining.

Qualifications

Vietnamese, English: Proficiency in work.

TOIEC 770/990

Major Languages: Python, R, Matlab, C/C++, Java.

Libraries & Tools: TensorFlow, Theano, Scikit-learn, Caffe, Amazon services.

Database & OS: MySQL, SQL server, Windows, Linux.

Honor and Awards

Achieved gold medal and was in the **top 1%** in WorldQuant Challenge Spring Alphathon.

2017

HUST encouraging study scholarships.

2014, 2015, 2016

Odon Vallet scholarships for national **excellent students**.

2012

Third prize at Vietnam National **Mathematical Olympiad** contest for high school.

2012

References

Dr. Hai Vu

- Lecturer, International Research Institute MICA
- Hanoi University of Science and Technology (HUST) HaNoi, VietNam
- Website: <http://www.mica.edu.vn/perso/Vu-Hai/>
- Email: hai.vu@mica.hust.edu.vn