Do Thanh Binh

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Education

Ha Noi University of Science and Technology   **Ha Noi**
B.Sc., Computer Science   *Aug 2013 - Jun 2018*

Working Experience

Computer Vision laboratory   **MICA HUST, Ha Noi**
Research Assistant   *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   **Ha Noi**
Part-time Machine Learning Researcher   *Aug 2016 - present (on-going)*
- Researched about **Deep Learning for sentiment problem** in order to predict opinions and sentiments which people have about what is going on in the world around them.
- Built a **large and clean** Vietnamese dataset then experimented in *LTSM, 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   **Ha Noi**
Research Consultant   *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, machine 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 Challange 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