

Do Thanh Binh

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Education

Hanoi University of Science and Technology
B.Sc. Computer Science

Aug 2013 - Jun 2018

Working Experience

Research Assistant **International Research Institute MICA** Jun 2016 - present

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

Machine Learning Developer **VC Corporation** Aug 2016 - Aug 2017

- **Deep Learning** for **opinion mining** problem. Built a **large and clean** Vietnamese sentiment dataset.
- Experimented in *LSTM*, *bidirectional LSTM*, *GRU*, *Word2vec* & *Sentiment2vec embeddings* using **tensorflow**.
- Got **high** accuracy for sentence level & aspect based sentiment analysis. Adapted the high demand of real time queries.

Research Consultant **WorldQuant LLC** Aug 2017 - present

- Analysed and built **quantitative models** based on the past financial data.
- Experimented in technical indicators, fundamental analysis, stochastic processes, statistical learning.

Publications

Honor and Awards

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

Other Activities

Owning a phone accessories shop. Managing, optimizing the marketing and sales. Oct 2016 - present

References

Dr. Hai Vu, International Research Institute MICA, HUST
• Email: hai.vu@mica.hust.edu.vn