Do Thanh Binh

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Education

Hanoi University of Science and Technology	Aug 2013 - Jun 2018

B.Sc. Computer Science, Good

Working Experience

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

- Worked on **Plant Identification** problem using **Deep Learning**.
- Experimented in *AlexNet, GoogleNet* for each single organ.
- **Improved** the identification accuracy by late fusion of 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 - Sep 2017

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

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

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

Other Activities

Owning a phone accessories shop. Managing, optimizing the marketing and sales.	Oct 2016 - present
Software Engineering intern at Eastgate Software Co., Ltd.	Aug 2016 - Jan 2017

Publications

Thanh-Binh Do, Huy-Hoang Nguyen, Thi-Thanh-Nhan Nguyen, Hai Vu, Thi-Thanh-Hai Tran, Thi-Lan Le, "Plant Identification using score-based fusion of multi-organ images", In Proceedings of international conference on Knowledge and Systems Engineering (KSE), IEEE, 2017.

Honor and Awards

Achieved **Gold Level 1** status (top 1%) in WorldQuant Challange - 2017 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, International Research Institute MICA, HUST, *hai.vu@mica.hust.edu.vn*.