

Binh Do

☎ (+84) 374611215

✉ binhdo.hust@gmail.com

📁 peace195.github.io

🐙 github.com/peace195

Connecting the dots...

Publications

Binh Do, Vladimir Golkov, Goktug Gurel, and Daniel Cremers, "*Precursor microRNA Identification Using Deep Convolutional Neural Networks*", <https://www.biorxiv.org/content/early/2018/09/16/414656>.

Nhan Nguyen, **Binh Do**, Hoang Nguyen, Hai Vu, Hai Tran, Lan Le, "*Score-Based Fusion Schemes for Plant Identification From Multi-organ Images*", VNU Journal of Science: Computer Science and Communication Engineering.

Binh Do, "*Aspect-Based Sentiment Analysis Using Bitmask Bidirectional Long Short Term Memory Networks*", 31st International Conference of the Florida Artificial Intelligence Research Society, AAAI.

Binh Do, Hoang Nguyen, Nhan Nguyen, Hai Vu, Hai Tran, Lan Le, "*Plant Identification Using Score-Based Fusion of Multi-Organ Images*", 9th International Conference on Knowledge and Systems Engineering, IEEE.

Employment

TIKI Corp.

System Architecture : Mar 2019 - May 2019

- Deploy fake branches detection system based on darknet using Tensorflow serving, Kafka, EC2 Kubernetes and Docker with experiment on Jenkins and Airflow frameworks.

JAVIS Co.

Programming : Oct 2018 - present

- We apply AI to all areas of life, e.g. inpainting images, recommender system, virtual reality, face recognition, etc.
- Make plan then manage tasks and project progress. Coach new members to research department.

WorldQuant LLC

Finance : Jul 2017 - present

- Developed statistical & trading models based on financial datasets using technical indicators, fundamental analysis.

Technical University of Munich, Germany

Bioinformatics : Apr 2018 - Oct 2018

- **Improved** prediction accuracy of protein secondary structure by **multi-task learning** (secondary structure, b-values, solvent-accessibility) [code](#).
- Achieved **state-of-the-art** results in precursor miRNA identification. Experiment on miRNA target prediction.

VC Corp.

Nature Language Processing : Aug 2016 - Sep 2017

- Obtained **significant improvements** in sentence & aspect based sentiment analysis using Deep Learning.

International Research Institute MICA

Computer Vision : Jun 2016 - Jan 2018

- **Improved** the plant identification accuracy by late fusion of multiple organs based on Deep Learning and SVM.

Education

B.Sc. Computer Science

Technical University of Munich, Germany

Apr 2018 - Oct 2018

B.Sc. Computer Science

Hanoi University of Science and Technology, Vietnam

Aug 2013 - Jan 2019

ERASMUS+ scholarship for studying at the Technical University of Munich, Germany.

2018

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

2012