

Binh Do

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Publications

Binh Do, Vladimir Golkov, Goktug Gurel, and Daniel Cremers, "*Precursor microRNA Identification Using Deep Convolutional Neural Networks*", <https://www.biorxiv.org/content/10.1101/414656v2>

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.

Binh Do, "*Aspect-Based Sentiment Analysis Using Bitmask Bidirectional Long Short Term Memory Networks*", 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*", International Conference on Knowledge and Systems Engineering, IEEE.

Employment

Trusting Social

May 2019 - present

- Predict credit score for one billion people using massive telco and social data.
- Proficient in data intuition, features engineering and Deep Learning for tabular datasets.

JAVIS

Oct 2018 - present

- **Lead** of JAVIS data science.
- Contributed products: Face Recognition (ID: caopass, PW: Javixlabo@2019), HouseVR, and more than 20 other projects related to object detection, inpainting images, recommender system, virtual reality, etc.

WorldQuant

Jul 2017 - Nov 2019

- Developed trading models based on financial datasets using technical indicators, fundamental analysis.
- Be in **top 1%** of consultants and make profit for company by new models.

Technical University of Munich

Apr 2018 - Oct 2018

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

VCCorp

Aug 2016 - Sep 2017

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

International Research Institute MICA

Jun 2016 - Jan 2018

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

Education

Technical University of Munich, Germany

ERASMUS scholarship (summer 2018)

Hanoi University of Science and Technology, Vietnam

B.Sc. Computer Science (class 2018)

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