

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

Explore, 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

Develop, 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

Apply, 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

Acquire, 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

Learn, Aug 2016 - Sep 2017

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

International Research Institute MICA

Intern : 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.