

# 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/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

### 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

- We apply AI to all areas of life, e.g. inpainting images, recommender system, virtual reality, face recognition, etc.
- Lead and train new members to AI research department. Make plan then manage tasks and project progress to ensure delivery quality solutions and code to company and client as well.
- Contributed products: Face Recognition (ID: caopass, PW: Javixlabo@2019), HouseVR, and more than 20 other projects.

### WorldQuant

Apply : Jul 2017 - Nov 2019

- Developed statistical & trading models based on **financial** datasets using technical indicators, fundamental analysis.
- Be in top 1% of consultants and make profit for company by new trading 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** the plant identification accuracy by late fusion of multiple organs images based on Deep Learning and SVM.

## Education

ERASMUS+ scholarship

Technical University of Munich, Germany

Apr 2018 - Oct 2018

B.Sc. Computer Science

Hanoi University of Science and Technology, Vietnam

Aug 2013 - Jan 2019

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