

# JINLONG JIAO

393 Extension of Binshui West Road, Xiqing District, Tianjin 300387

(+86)13102131708 ◇ jinlongjiao00@gmail.com

## EDUCATION

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**Tianjin Normal University, Tianjin, China**

*September 2017 - Present*

Bachelor of Engineering, SE.

## RESEARCH INTERESTS

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- **Affective Computing**
- **Natural Language Processing**

## EXPERIENCE

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**UBTECH Inc, Shenzhen, China**

June 2019 - August 2019

*Research Intern, Advisor: Dr. Dong-Yan Huang*

- During the whole internship, I fortunately gave an oral presentation about "Multi-queries based Attention for Facial Emotion Recognition" in " ICMI (ACM International Conference on Multimodal Interaction) 2019 MAST-II " workshop which organized by the USC SAIL research group in Suzhou, China..
- I try my best to do research about video-based emotion recognition. In addition, I leverage different state-of-art techniques to get better recognition accuracy.

**Tianjin Normal University, Tianjin, China**

December 2018 - Present

*Research Assistant, Advisor: Prof. Ziping Zhao*

- My research domain at TJNU AIRC(Affective Intelligence Research Center) lies in speech emotion recognition and depression prediction. And I am very proudly advised by Prof. Ziping Zhao and Prof. Bjoern Schuller.
- Proposed and implemented a novel deep neural network (in Python) engaging both gated convolutional neural network and self attention mechanism for human speech emotion recognition from speech audio spectrogram signal.
- Proposed and implemented a hierarchical component attention neural network for emotion recognition and demonstrated the innovation of our approach.

## PUBLICATIONS

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- Shuo Liu, **Jinlong Jiao**, Ziping Zhao, Judith Dineley, Nicholas Cummins, and Bjoern Schuller. **Hierarchical Component Attention Based Speaker Turn Embedding for Emotion Recognition.** IJCNN 2020
- Chao Li, **Jinlong Jiao**, Yiqin Zhao, and Ziping Zhao. **Combining Gated Convolutional Networks and Self-Attention Mechanism for Speech Emotion Recognition.** ACIIW 2019

## AWARDS & SCHOLARSHIPS

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**China Collegiate Computing Contest, ByteDance Inc, China**

June 2019 - August 2019

*This contest is held by Tsinghua University, Nankai University and ByteDance Inc. to all students from the great China area for developing and designing innovative big data techniques.*

- 2019 national third prize, August 2019, top 2%

**Tianjin Normal University Scholarship, Tianjin, China**

September 2017 - Present

- 2018 - 2019 academic year top grade scholarship, top 5%
- 2017 - 2018 academic year second grade scholarship, top 20%

## **LEADERSHIP**

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**Core member of TJNU iOS Club, Tianjin Normal University**

October 2017 - Present

- Held regular technology discussions on campus, and organized collaborative activities at the local Apple Store.
- Helped organize members to attend Apples iOS Club summer and winter camps during semester vacations.
- Lead members to take part in annual mobile application innovation competition which is held by Zhejiang University and Apple Inc.
- Grew the Tianjin Normal University iOS Club to become the largest student technology club of my college.