

Jinlong Jiao

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Interest	Deep learning Machine learning Affective Computing	
Education	Tianjin Normal University B.E, Software Engineering, 2017 - Present. Upper Division GPA: 85.17/100	
Experience	Student Researcher <i>Cognitive and Affective Computing Lab, Tianjin Normal University Tianjin, China, December 2018 - Present</i> <ul style="list-style-type: none">Proposed and implemented a novel deep neural network (in Python) engaging both convolutional neural network and long short-term memory for human speech emotion recognition from speech audio spectrogram signal.Made an oral presentation of submitted paper on ICMI 2019 MAST-II workshop in Suzhou, China on October 2019. Professional Intern <i>Ubtech Robotics Corp, Shenzhen, China, July - September, 2019</i> <ul style="list-style-type: none">The research about video emotion recognition.Interns in Voice Technology Department. <i>Apple iOS Summer Camp, Nanjing, China, 20-27, August, 2018</i> <ul style="list-style-type: none">Developed an iOS App using Swift.	
Project	Hierarchical Attention for Speech Emotion Recognition <i>Tianjin Normal University, Tianjin, China. March, 2019 - Present</i> <ul style="list-style-type: none">Using hierarchical attention mechanism at the level of sentences and words to improve the accuracy of speech emotion recognition.This project is supported by National Natural Science Foundation. Research on Supporting Theory and Innovation Model of Cross-border Service for Healthy Elders <i>Tianjin Normal University, Tianjin, China. May, 2019 - Present</i> <ul style="list-style-type: none">The Health Support Integrated Support Platform provides theoretical support for credit assessment and provides a comprehensive solution for the credit problems in the aged care service.The project is supported by the National Key Basic Research Development Program (973 Program).	
Activity	Tianjin Normal University iOS Club	

Core member of 2017 - Present

- Held regular technology discussions on campus, and organized collaborative activities at the local Apple Store.
- Helped organize members to attend Apple's iOS Club summer and winter camps during semester vacations.
- Grew the Tianjin Normal University iOS Club to become the largest student technology club of my college.

Publication

Multi-queries based Attention for Facial Emotion Recognition

This paper has been accepted by ICMI MAST-II. 1, October, 2019

Combining Gated Convolutional Networks and Self-Attention Mechanism for Speech Emotion Recognition

This paper has been accepted by ACII ASMMC. 1, August, 2019

Award and Scholarship

China University Computer Competition 2019

This contest is held by Tsinghua University and ByteDance, Inc to all students from the great China area

- 2019 national third prize, August 2019, fewer than 1%

Tianjin Normal University Scholarship

- 2018 - 2019 academic year special prize scholarship, top 4%
- 2017 - 2018 academic year second prize scholarship, top 20%