JIANG Jiahang

Individualized Interdisciplinary Program

(Data Science and Analytics)

Hong Kong University of Science and Technology

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Education

09/2016---06/2020	**Nanjing University of Science and Technology**
	Major: Intelligent Science and Technology
	Average Score: 88.91% (ranking: 2nd/74)
09/2020---06/2021	**Hong Kong University of Science and Technology**
	Major: Big Data Technology
	GGA: 3.78/4.30
09/2020---present	**Hong Kong University of Science and Technology**
	Major: Individualized Interdisciplinary Program (Data Science and Analytics)
	Advisior: Prof.Wenjia Wang
	Current GGA: 3.78/4.30

Thesis/Research Experience

1. Macula Fovea Detection Based on Retina OCT Images

Achievements: 1. Implemented detection model based on novel features such as "ILM Gradient", "Number of Retina Vein" and "Number of High-reflection Bands".

2. Thesis named *"Automated detection algorithm of macular fovea in SD-OCT images"* was accepted by CCML.

2. Extraction of Entities and Relations

Achievements: 1. Built a seq2seq model based on a joint tagging scheme to do extraction of entities and relations.

2. Put forward a new tagging scheme to do emotional-cause pairs extraction.

3. Adaptive Learning with Random Smoothing Kernel Hilbert Spaces

Achievements: 1. Propose a unified framework based on random smoothing data augmentation that can effectively and adaptively learn a wide range of ground truth functions.

2. Derive fast convergence rates for kernel gradient descent, either with early stopping or weight decay.

Teaching Assistant

DSAA5009(Spring 2023) - Deep Learning in Data Science

Awards and Honors

2023 ICSA Honorable Mention Poster Award, 2023.07

Outstanding Graduate of Nanjing University of Science and Technology, 2020.06

Third Prize in 5th "Internet+" Entrepreneurship and Innovation Competition, 2019.09

Third Prize in 10th "Lanqiao Cup" C/C++ Programme Design Match, 2019.03

Merit Student of Nanjing University of Science and Technology, 2017-2019

Merit Student of Nanjing University of Science and Technology, 2018-2019

First Prize Scholarship of Academic Year 2016-2017

First Prize Scholarship of Academic Year 2017-2018

First Prize Scholarship of Academic Year 2019-2020

Extracurricular Activity

09/2016---06/2019   Mountaineers Club in Nanjing University of Science and Technology

05/2017---08/2017   Volunteer student services for the country people---"Knowledge changes the future"

08/2018---09/2018   "Blue Cup" basketball match of Nanjing University of Science and Technology

10/2018---12/2018   The 11th ZTE Turing Cup