JIANGUO HUANG

1088 Xueyuan Avenue, Nanshan District, Shenzhen City, China

(+86) 17778884396 ⋄ huangjg@shanghaitech.edu.cn ⋄ Personal Website

EDUCATION

ShanghaiTech University *2021.9 - Current*
M.S., Computer Science and Technology Overall GPA: 3.71/4.0
Major GPA: 3.88/4.0

North China Electric Power University *2017.9 - 2021.6*
B.S., Information and Computing Science Overall GPA: 3.93/4.0

EXPERIENCE

Research Intern, Southern University of Science and Technology. *2023.7 - Current*
The main research field is conformal prediction for classification problems and I have published a novel publication!

Algorithm Engineer & Cofunder, Changsha Hongcheng Electric Technology Co., LTD. *2021.8 - Current*
We are dedicated to developing a novel algorithm for identifying fault locations in power transformers.

Open Source Projects *2021.7 - Current*

1. Magic-cv: An open-source tutorial on Digital Image Processing, featuring instructional Bilibili videos.

2. Datawhale-operational-research: Optimization algorithm theory and algorithm implementation.

PUBLICATIONS

(* Corresponding author; † Equal contribution)

Conformal Prediction for Deep Classifier via Label Ranking. Jianguo Huang†, Huajun Xi†, Linjun Zhang, Huaxiu Yao, Yue Qiu*, Hongxin Wei*. [Paper], under review in the ICLR2024.

Physics-informed invertible neural network for the Koopman operator learning. Yuhuang Meng†, Jianguo Huang†, Yue Qiu*. [Paper], under review in the Journal of Computational Physics.

SKILLS

Programming Languages and Frameworks
Python, Matlab, C++,Pytorch

AWARDS AND SCHOLARSHIPS

The 3rd Alibaba cloud panjiu Zhiwei algorithm competition, 40/1758 *2022*

Departmental Outstanding Student *2019-2020,2020-2021*

The 6th "Discovery Cup" National College Students Internet Software Design Competition, First prize in the undergraduate group *2018-2019*