

# JIANGUO HUANG

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## EDUCATION

<b>ShanghaiTech University</b> M.S., Computer Science and Technology	<i>2021.9 - Current</i> Overall GPA: 3.71/4.0 Major GPA: 3.88/4.0
<b>North China Electric Power University</b> B.S., Information and Computing Science	<i>2017.9 - 2021.6</i> Overall GPA: 3.83/4.0

## EXPERIENCE

<b>Research Intern</b> , Southern University of Science and Technology. The main research field is conformal prediction for classification problems and I have published <a href="#">a novel publication!</a>	<i>2023.7 - Current</i>
<b>Algorithm Engineer &amp; Cofunder</b> , Changsha Hongcheng Electric Technology Co., LTD. We are dedicated to developing a novel algorithm for identifying fault locations in power transformers.	<i>2021.8 - Current</i>
<b>Open Source Projects</b> 1. <a href="#">Magic-cv</a> : An open-source tutorial on Digital Image Processing, featuring instructional <a href="#">Bilibili videos</a> . 2. <a href="#">Datawhale-operational-research</a> : Optimization algorithm theory and algorithm implementation.	<i>2021.7 - Current</i>

## 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

<b>The 3rd Alibaba cloud panjiu Zhiwei algorithm competition, 40/1758</b>	<i>2022</i>
<b>Departmental Outstanding Student</b>	<i>2019-2020, 2020-2021</i>
<b>The 6th "Discovery Cup" National College Students Internet Software Design Competition, First prize in the undergraduate group</b>	<i>2018-2019</i>