

EDUCATION	College of Science, Tianjin University of Commerce <i>Bachelor of Science in Mathematics and Applied Mathematics</i> <ul style="list-style-type: none">GPA: 85/100Advisor: Prof. YongQiangResearch area: Imbalance Data, Time Series	Tianjin, China 2019 - 2023
WORK EXPERIENCE	Multisim Technology Co. <i>Optimisation Algorithm Inter</i> Multisim Technology Co. <i>AI Algorithm Engineer</i> Canway Technology Co. <i>AI Algorithm Engineer</i>	Shanghai, China 2021 - 2022 Shanghai, China 2023 - 2024 Shenzhen, China 2024 - Present
PUBLICATIONS	<ol style="list-style-type: none">Qihui Shao, Yongqiang Du, Wenxuan Xue, Zhiyuan Yang, Xianzhu Shao, Xue Xu, Hongbo Duan, Zhipeng Zhu. Predicting China’s Thermal Coal Price: Does Multivariate Decomposition-Integrated Forecasting Model with Window Rolling Work?<i>Resource Policy</i>, [Accept] [PDF],Xianzhu Shao, Qihui Shao, Yongqiang Du. Based on Adaboost Algorithm for Loan Default Prediction Model <i>Journal of China Emergency Management Science</i>, [Published],Xianzhu Shao, Yongqiang Du, LuoFei Liang, Xue Xu, Zhiyi Lu. A Dynamic Cost-Adjusted Adacost Model for Credit Prediction of Smallholder Farmers <i>Journal of Forecasting</i>, [Under Review],Xianzhu Shao, LuoFei Liang. ISFormer:Improved Seasonal Transformer for Power Load Forecasting <i>Applied Soft Computing</i>, [Under Review],	
PROJECTS	Machine Learning-Based Inclusive Credit Assessment Model for Farmers <i>National Innovation Programme for University Students</i> 2021.03 - 2023.05	
	Machine Learning-Based New Energy Vehicle Sales Forecasting <i>Chinese Academy of Sciences (CAS) Science and Technology Innovation Programme</i> 2021.06 - 2022.09	
	Identification of Solid-State Diffusion Coefficients in Lithium-Ion Batteries <i>Multisim Technology Co.</i> 2021.06 - 2022.06	
	LiFePO4 New Energy Vehicle Battery Life Prediction (SOH, RUL) <i>Multisim Technology Co.</i> 2023.06 - 2024.06	
	Performance Optimization of Lithium Battery Electrode Infiltration Algorithms and Large-Scale Sparse Matrix Solving <i>Multisim Technology Co.</i> 2023.06 - 2023.12	
	AI Optimization of Turbulence Models <i>Multisim Technology Co.</i> 2023.06 - 2024.03	
	Transformer-based Time Series Prediction Model for Resource Metrics <i>Canway Technology Co.</i> 2024.06 - 2024.11	

SCHOLARSHIPS AND HONORS	• Outstanding Graduate Honour , Tianjin University of Commerce	2023.05
	• Third Prize Scholarship , Tianjin University of Commerce	2023.04
	• National Encouragement Scholarship , Tianjin University of Commerce	2021.05
	• Second Prize Scholarship , Tianjin University of Commerce	2021.05
	• Second Prize Scholarship , Tianjin University of Commerce	2020.05
COMPETITION AWARDS	• Honorable Mention , Mathematical Contest in Modeling	2023
	• Outstanding , National Innovation Project Completion	2023
	• Second Prize , The Asia Pacific University Mathematical Contest in Modeling,	2022
	• Finalist Award , The Tianjin “Ruisi Cup” Data Modeling Competition	2021
	• Third Prize , The “Teddy Cup” National Data Mining Challenge	2021
	• Third Prize , The “ShuWei Cup” National Mathematical Contest in Modeling	2021
SKILLS	Languages: Chinese, English. Programming: Python, C++, MATLAB.	
ACADEMIC SERVICES	Reviewers for: <i>Journal of Forecasting</i> , ...	