Xiaopeng Li

Tel:86+18681878370 | lixiaopeng@stu.xjtu.edu.cn
Wechat:lxp1183324573
Page:https://xiaopengli1.github.io/XiaopengLi/

EDUCATION

Xian Jiaotong University   Aug 2015 - Jun 2019

B.S. in Measurement and Control Technology and Instruments

Avarage Scoore : 85.05 (top 5%)

Xian Jiaotong University   Aug 2019 - Jun 2022

M.S. in Control Science and Engineering

Avarage Score: 82.36

HONORS & AWARDS

Excellent Postgraduate of Xi'an Jiaotong University

Outstanding Undergraduate Graduates

Outstanding Undergraduate Thesis

Excellent Student of Nanyang College in Xi'an Jiaotong University

First Class Scholarship of Xi'an Jiaotong University

Xi'an Jiaotong University Pengkang Scholarship

Xi'an Jiaotong University Siyuan Scholarship

INTERNSHIP EXPERIENCE

Alibaba Cloud Computing Co. Ltd.   Jun 2021 - Sep 2021

Algorithm Intern   Hangzhou, China

Research in increasing purchase rate and Information scheduling system optimization.

Huawei Techonologies Co.Ltd.   Jun 2020 - Sep 2020

Algorithm Intern   Shenzhen, China

Research in OD traffic forecast in communication network and project development.

Huawei Cloud Computing Co. Ltd.   Jul 2018 - Sep 2018

Development Intern   Xian, China

Learning of Openstack Framework and development of NOVA Components.

RESEARCH EXPERIENCE

Application of Spatiotemporal Model in Power Grid

- Application of Probabilistic Prediction Model in Wind Power Prediction.(See here)
- Application of spatiotemporal GNN model in wind power forecasting.(Graduate Dissertation Topic)

Application of Spatiotemporal Model in Smart Building

- Multi-zone indoor temperature prediction based on GNN model.(See here)

Hardware Development

- Capacitive Sensors design, PCB board design and development. (Undergraduate thesis Topic)

Exchange Experience

University of Cambridge - Lucy Cavendish College   Feb 2017 - Mar 2017

Exchange student   Cambridge, UK

Winter Vacation Exchange Program funded by CUDC.

Publications

1.[Uncertainty Set Prediction of Aggregated Wind Power Generation based on Bayesian LSTM and Spatio-Temporal Analysis](#)

Xiaopeng Li, Jiang Wu, Zhanbo Xu, Kun Liu, Jun Yu, Xiaohong Guan

2021 IEEE 17th International Conference on Automation Science and Engineering (CASE)

2.[Geographically Distributed Collaborative Clustering Method for Load Characteristic Analysis](#)

Jiacheng Liu, Jiang Wu, Pengyuan Liu, Zhanbo Xu, **Xiaopeng Li**, Xiaogong Guan

Journal of Automation of Electric Power Systems

SKILLS LIST

TOEFL : 84(Due to the lockdown of COVID-19, I am still looking for chances to take TOEFL/GRE exams.)

Python, C, C#, Java, Scala, Mysql, Git, Pytorch, Spark, Altium Designer