

Xiaopeng Li

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Page:https://xiaopengli1.github.io/XiaopengLi/

EDUCATION

Xian Jiaotong University	Aug 2019 - Jun 2022
M.S. in Control Science and Engineering	
Xian Jiaotong University	Aug 2015 - Jun 2019
B.S. in Measurement and Control Technology and Instruments	

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