

# Yan Wang

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## EDUCATION

**Shanghai JiaoTong University**

ShangHai, China

M.Eng. in Civil Engineering

Aug, 2018 - Mar, 2021

Advisor: Prof. Zhaolong Han & Prof. Dai Zhou

Selected Courses: Theory and Applications of Neural Networks, Machine Learning, Computer Networks, Operating System, Database, Computational Method, Partial Differential Equation, Matrix Theory

**ShenYang Jianzhu University**, GPA: 3.98/4, Rank: 1/313

ShenYang, China

B.Sc. in Civil Engineering

Aug, 2014 - Jun, 2018

## PUBLICATIONS

1. Y Chen, **Y Wang**, Z Dong, J Su, Z Han, D Zhou, Y Zhao, Y Bao.  
**2-D regional short-term wind speed forecast based on CNN-LSTM deep learning model.**  
Energy Conversion and Management. (2021, IF: 9.7). 10.1016/j.enconman.2021.114451.
2. Y Chen, Z Dong, **Y Wang**, J Su, Z Han, D Zhou, K Zhang, Y Zhao, Y Bao.  
**Short-term wind speed predicting framework based on EEMD-GA-LSTM method under large scaled wind history.**  
Energy Conversion and Management. (2020, IF: 9.7). 10.1016/j.enconman.2020.113559.
3. Y Chen, Z Dong, J Su, **Y Wang**, Z Han, D Zhou, Y Zhao.  
**Framework of airfoil max lift-to-drag ratio prediction using hybrid feature mining and Gaussian process regression.**  
Energy Conversion and Management. (2021, IF: 9.7). 10.1016/j.enconman.2021.114339.

## EXPERIENCE

**BaiDu Ltd.**

Mar, 2021 - Present

Senior Software Engineer

Mentor: Jinlong Guo

Order system for E-commerce

**Shanghai Jiaotong University**

Aug, 2018 - Mar, 2021

Graduate Researcher

Advisor: Prof. Zhaolong Han & Prof. Dai Zhou

Wind speed forecast based on deep learning model

## SELECTED HONORS

- **2017** Principle's scholarship (Highest scholarship in Shenyang Jianzhu University, 0.1%)
- **2016** National Encouragement Scholarship (Awarded by the Chinese government, 0.1%)
- **2017** The Third Prize of the 18th Chinese Mathematics Competitions (Organized by Chinese Mathematical Society, 1%)
- **2017** Meritorious Winner of the 29th Mathematical Contest In Modeling (4%)
- **2015~2018** The First Prize Scholarship (Awarded by Shenyang Jianzhu University, 0.3%)

## SKILLS

**Programming Languages:** Python, Java, C/C++, Go, SQL

**Tools and Frameworks:** Git, PyTorch, Linux, MySQL, Redis