

HAO WANG

Software Engineer

✉ iamhao888@gmail.com · ☎ (+86) 188-2923-6977 · 🔗 <https://github.com/JackKing-defier>

🎓 EDUCATION

Northwestern Polytechnical University Sep. 2017 – Apr. 2020

Master student in Computer Technology

Northwestern Polytechnical University Sep. 2013 – Jun. 2017

Bachelor student in Software Engineering

👥 PROJECT EXPERIENCE

Product Delivery Platform Oct. 2022– now

- I upgraded channels, developed the PC version, implemented conditional filtering, and optimized campaign interfaces. This resulted in a reduction of the system's average response time from 650ms to 480ms, and we achieved over 2 million daily active users (DAU).
- Finished data mining components (Feature-Indexing/Feature-Merging/Feature-Normalization/Scoring).

China Telecom Big Data Application Contest (1st/1112; Team Leader) Dec. 2015 – Mar. 2016

The goal of this contest is to predict views of users with ten sites succeeding, according to four hundred million user-behavior historical records (25.38G).

- Proposed and implemented a multi-target regression algorithm on Spark. Optimized F1-score 0.8%.
- Designed and developed a probability ranking model for user classification. Optimized F1-score 0.6%.

SIGHAN-2015 Chinese Spelling Check Task (1st Place) Mar. 2015 – May. 2015

The goal of this task is to detect and correct spelling errors on Chinese essays.

- Handled this task with a unified framework which consisted of candidate generating, two stage candidates re-ranking and global decision making.
- Finished candidate generating model and two stage candidates re-ranking model. Optimized F1-score 18%.

🏢 WORK EXPERIENCE

Alibaba (Shenzhen) Technology Co., Ltd. Jul. 2021 – now

- Developed taxi dispatching system which used to balance the supply and demand between urban areas.
- Reconstructed the log system of dispatching based on Kafka and MySQL.

vivo Mobile Communication Co., Ltd. Apr. 2020 – Jul. 2021

- Completed the multi-threaded development of LiveWDBBroom, improved the efficiency by two times.
- Completed the development of the Problems-Tracing Platform which was put into service.
- Passed the examination of Code Master (C++), certified as Good Coder.

🏆 ACADEMIC COMPETITIONS

1st Place Awarded in China Telecom Big Data Application Contest Mar. 2016

1st Place Awarded in China College Students Computer Games Competition Nov. 2013

Silver Medal (17th / 200) Awarded in ACM-ICPC Asia Beijing Regional Contest Nov. 2015

⚙️ SKILLS

- Skilled in Java. Familiar with Python.
- Experienced in development of distributed machine learning algorithms.
- Strong theoretic knowledge on data mining and machine learning.