

Wang. Jian
[jian.wang\[at\]ntu.edu.sg](mailto:jian.wang@ntu.edu.sg)

OBJECTIVE

To obtain a professional position in the AI and cybersecurity from the program, to maximize and utilize my relative fruitful experiences to inspire the innovation research or catalyze product iteration, and finally gain the philosophy thought about how to solve problems.

EDUCATION

Tsinghua University, Beijing, China
Certificate of Data Science, May 2019

Tianjin University, Tianjin, China
Bachelor of Software Engineering, Jun 2007-Jun 2011

SKILLS

Coding: Python, C/C++, typescript
Project: Machine learning CNN-based, User-shopping psychology and impulsion Analysis, Full-stack web developer

PUBLICATIONS

Automatic RNN Repair via Model-based Analysis

Xiaofei Xie, Wenbo Guo, Lei Ma, Wei Le, **Jian Wang**, Linjun Zhou, Yang Liu, Xinyu Xing

ICML 2021

Watch out! Motion is Blurring the Vision of Your Deep Neural Networks

Qing Guo, Felix Juefei-Xu, Xiaofei Xie, Lei Ma, **Jian Wang**, Bing Yu, Wei Feng, Yang Liu

NeurIPS 2020

"FakeSpotter: A Simple yet Robust Baseline for Spotting AI-Synthesized Fake Faces"

Run Wang, Felix Juefei-Xu, Lei Ma, Xiaofei Xie, Yihao Huang, **Jian Wang**, and Yang Liu,

International Joint Conference on Artificial Intelligence (IJCAI), 2020.

EXPERIENCES

NANYANG Technological University Computer Science and Engineering, Singapore, Research Assistant (Dec 2019- present)

- Co-Conduct most experiments of 3 top-tier paper, ICML2021, NeurpIS 2020, and IJCAI 2020.

- Wrote an application to integrate research papers into our neural inference integrate system which try to transfer the academic program to industrial level, especially in the infer speed and memory cost.
- Migrated some AI system and time cost analysis projects from paper to our deep cyber system.

XiaoMi Inc. Computing Vision Center, Beijing China, Algorithm Engineer (May 2017 – Nov 2019)

- Implemented many low-level libraries used throughout Machine-Learning-Vision's code base.
- Designed and implemented initial production serving system for Deep Fake Facial Images
- Co-designer and implementation of system for large-scale distributed neural network predict and feedback collection. System has been used to make significant improvements in image synthesis and generating processing applications.

58.com Inc. Middleware and Core-Framework Team, Beijing China, Senior Engineer (July 2011 – May 2017)

- Resolved issues regarding reusable and general middleware (Website, Wireless, and MacOS), and universal API problems for cross-platform developers.
- Co-designer and program issues about software supported by the edge customer, such as multi-content category-classified advertising platforms and mobile-based closed-loop transactional platform for home services
- Communicated with customers through email, telephone, and face to face