

Wang. Jian
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OBJECTIVE

To obtain a professional position in AI and cybersecurity after my DPhil program; To maximize and utilize my productive industrial experiences in inspiring innovation and catalyzing new products, And final gain the philosophy thought how to code and solve a problem.

EDUCATION

Nanyang Technological University, Singapore, Singapore
First year Ph.D., August 2021

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

SKILLS

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

PUBLICATIONS

RNNRepair: 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 IJCAI 2020

EXPERIENCES

NANYANG Technological University Computer Science and Engineering, Singapore,
Research Assistant (Dec 2019- August 2021)

- Co-Conduct some experiments for our papers.
- Main-Built a platform to integrate our lab's papers into the B2A (business 2 academy) system and built neural robustness evaluating system for checking its vulnerable score, e.g., guide-based mutation to prevent an unexpected adversarial attack.
- Migrated some unstable and heavy costs in our open-source code as a member of the committee.

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

- Implemented some low-level libraries used throughout Machine-Learning-Vision's codebase. • Designed and implemented the first-generation production by using Deep Fake in the synthesis of Facial Images.
- Co-designer and implementation of a system for large-scale distributed neural network prediction, and deployment, and built a feedback collection system by tracking customer interaction.

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

- Resolved issues, contributed the core code to our middleware, a kernel service module of the company, and design cross-platform API by Protocol Buffers.
- Co-designer and deployed a service-based and dynamic HTTP content dispatch system, rewritten serval modules at the application level of Tengine-Taobao, such as flow-dispatch-module categorize by content advertising, transactional rollback module for mobile-based payment, and an IoT module for home services.
- Handle plenty of customers' support in depicting our company.