YANG CHANG

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EDUCATION BACKGROUND

The Hong Kong Polytechnic University — **Hong Kong, China**
Doctor of Philosophy (Department of Computing) — *05/2023 -*

National University of Singapore — **Singapore**
Master of Science in Data Science and Machine Learning — *08/2021 - 01/2023*

Beihang University — **Beijing, China**
Bachelor of Engineering in Computer Science and Technology — *09/2017 - 06/2021*
(GPA: 3.75/4.0, rank: Top 15%)
Bachelor of Science in Mathematics and Applied Mathematics — *09/2018 - 06/2021*
(GPA: 92.4/100, Double Degree)

INTERNSHIPS & WORK EXPERIENCES

Computational Intelligence Laboratory, Nanyang Technological University — **Singapore**
Research Assistant — *10/2020 - present*
• Participate in Several Research Projects with Publications / Supervisor: Dr. Xinrun Wang

A*STAR (Agency for Science, Technology and Research) — **Singapore**
Research Intern — *01/2022 - 04/2022*
• Parallel Learning of Heterogeneous Tasks / Supervisor: Dr. Ramasamy Savitha
- Propose a parallel learning approach for learning multiple heterogeneous tasks with diverse input data distributions in parallel through a single base network that supports parameter sharing between tasks.

School of Computer Science and Engineering, Beihang University — **Beijing, China**
Teaching Assistant — *03/2021 - 06/2021*
• Module: Computer Network Experimentation / Advisor: Prof. Lijun Zhang

PUBLICATIONS

(* indicates equal contribution)
• *Chang Yang*, Ruiyu Wang, Xinrun Wang, Zhen Wang. A Game-Theoretic Perspective of Generalization in Reinforcement Learning. (Accepted by NeurIPS 2022 Workshop DeepRL, 2022).
• Zhen Wang, Yitao Zheng, Hai Zhu, *Chang Yang*, Tianyi Chen. Transferable Adversarial Examples Can Efficiently Fool Topic Models. (Accepted by Computers & Security, 2022).
• Xinrun Wang, Jakub Cerny*, Shuxin Li*, *Chang Yang**, Zhuyun Yin, Hau Chan, Bo An. A Unified Perspective on Deep Equilibrium Finding. (Arxiv, 2022).
• Li Ruan, Yuanjie Jiang, *Chang Yang*, Yiyang Xing, Limin Xiao, Xiangwen Qu. Fast and Robust Image Matching Based on Depth-Wise Convolution Features and Unique Nearest Neighbour Similarity. (Published in ICNC–FSKD, 2020).

AWARDS

Outstanding Graduate from Beihang University	***2021***
Beihang First-class Scholarship in Academic Contest	***2020***
Beihang First-class Scholarship	***2020***
MCM/ICM Honorable Mention	***2020***
Third Prize of Beihang "Feng Ru Cup"	***2019 & 2020***
Beihang Second-class Scholarship	***2018 & 2019***