

YANG CHANG

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EDUCATION BACKGROUND

The Hong Kong Polytechnic University <i>Doctor of Philosophy (Department of Computing)</i>	Hong Kong, China 05/2023 -
National University of Singapore <i>Master of Science in Data Science and Machine Learning</i>	Singapore 08/2021 - 01/2023
Beihang University <i>Bachelor of Engineering in Computer Science and Technology</i> (GPA: 3.75/4.0, rank: Top 15%) <i>Bachelor of Science in Mathematics and Applied Mathematics</i> (GPA: 92.4/100, Double Degree)	Beijing, China 09/2017 - 06/2021 09/2018 - 06/2021

INTERNSHIPS & WORK EXPERIENCES

Computational Intelligence Laboratory, Nanyang Technological University <i>Research Assistant</i>	Singapore 10/2020 - present
• Participate in Several Research Projects with Publications / Supervisor: Dr. Xinrun Wang	
A*STAR (Agency for Science, Technology and Research) <i>Research Intern</i>	Singapore 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 <i>Teaching Assistant</i>	Beijing, China 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. (Arxiv, Submitted to NeurIPS, 2022).
- Xinrun Wang, Chongyang Gao*, Chang Yang*, Shuxin Li*, Youzhi Zhang*, Bo An. Game-Theoretic Machine Learning. (Submitted to NeurIPS Datasets and Benchmarks Track, 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