

Liangyawei Kuang

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Research Interests	I am an independent postgraduate researcher at the Hong Kong University of Science and Technology (HKUST). My research goal is to develop learning algorithms and techniques that could endow machines and systems with greater autonomy and intelligence to acquire the skills for executing complex tasks. I am interested in the intersection of multi-agent systems, reinforcement learning, game theory, robotics, vision, and machine learning. Currently, I focus on solving multi-agent reinforcement learning problems under scalability and reliability consideration.		
Education	HKUST, Hong Kong, China	Aug. 2021 - present	
	Master of Philosophy in Robotics and Autonomous Systems		
	Advisor: Prof. Fangzhen Lin and Prof. Ling Shi		
	Northeastern University, MA, U.S.A.	Jul. 2020 - Jun. 2021	
	Thesis-based Master of Computer Engineering in Computer Vision, Machine Learning and Algorithms (degree discontinued)		
Teaching	University of California, Irvine, CA, U.S.A.	Aug. 2019 - Jun. 2020	
	Final year visiting in Electrical Engineering & Computer Science Department		
	Hong Kong Polytechnic University, Hong Kong, China	Jan. 2019 - Jun. 2019	
	One-semester exchange in Mechanical Engineering Department		
	Harbin Institute of Technology, Harbin, China	Aug. 2016 - Jun. 2020	
Skills	Bachelor of Engineering in Mechatronics Engineering		
	HKUST, Lecturer	Spring 2022	
	Multi-Robot Systems (course link)		
	Northeastern University, Teaching Assistant	Fall 2019	
	EECS 7311 Two Dimensional Signal and Image Processing		
Honours	Programming Languages Others	Python, C/C++, MATLAB Mandarin, English L ^A T _E X, Linux, ROS	
	Meritorious Winner, the Mathematical Contest in Modeling	2019	
	Second Class Scholarship, Harbin Institute of Technology	2017 & 2018	
	SMC scholarship, Harbin Institute of Technology	2017	