

# Liangyawei Kuang

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Research Interests	I am a postgraduate researcher at <b>the Hong Kong University of Science and Technology (HKUST)</b> . 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	<b>HKUST</b> , Hong Kong, China	Aug. 2021 - present	
	Master of Philosophy in Robotics and Autonomous Systems		
	Advisor: Prof. Fangzhen Lin and Prof. Ling Shi		
	<b>Northeastern University</b> , MA, U.S.A.	Jul. 2020 - Jun. 2021	
	Thesis-based Master of Computer Engineering in Computer Vision, Machine Learning and Algorithms (degree discontinued)		
	<b>University of California, Irvine</b> , CA, U.S.A.	Aug. 2019 - Jun. 2020	
	Final year visiting in Electrical Engineering & Computer Science Department		
	<b>Hong Kong Polytechnic University</b> , Hong Kong, China	Jan. 2019 - Jun. 2019	
	One-semester exchange in Mechanical Engineering Department		
	<b>Harbin Institute of Technology</b> , Harbin, China	Aug. 2016 - Jun. 2020	
	Bachelor of Engineering in Mechatronics Engineering		
Teaching	<i>HKUST</i> , Lecturer	Spring 2022	
	Multi-Robot Systems ( <a href="#">course link</a> )		
	<i>Northeastern University</i> , Teaching Assistant	Fall 2020	
	EECS 7311 Two Dimensional Signal and Image Processing		
Skills	<b>Programming Languages</b>	Python, C/C++, MATLAB	
	<b>Others</b>	Mandarin, English L <sup>A</sup> T <sub>E</sub> X, Linux, ROS	
Honours	<i>Meritorious Winner</i> , the Mathematical Contest in Modeling		2019
	<i>Second Class Scholarship</i> , Harbin Institute of Technology		2017 & 2018
	<i>SMC Scholarship</i> , Harbin Institute of Technology		2017