

LIYU CHEN

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(+1) 323 449 9812 ◊ liyuc@usc.edu

EDUCATION

University of Southern California PhD in Computer Science	August 2017 - Present GPA: 4.0/4.0
Hong Kong University of Science and Technology Bachelor of Computer Science Second Major: Applied Mathematics	September 2013 - June 2017 GPA: 3.922/4.3
ETH Zurich Exchange Study, Computer Science	February 2016 - June 2016 GPA: 5.625/6

EXPERIENCE

Theoretical and Empirical Data Science Lab <i>Research Assistant</i>	August 2017 - Present <i>Supervisor: Prof. Fei Sha</i>
· Transfer learning in reinforcement learning, state abstraction in reinforcement learning	
ByteDance Inc <i>Applied Machine Learning Intern</i>	May 2019 - August 2019
· Design machine learning algorithm for item cold start recommendation	
Hong Kong University of Science and Technology <i>Research Assistant</i>	June 2016 - June 2017 <i>Supervisor: Prof. Dit-Yan Yeung</i>
· Extending benchmark of deep reinforcement learning for continuous control	
LSCM R&D Centre <i>Software Engineering Intern</i>	June 2015 - August 2015
· Designed algorithm for baggage recognition in airport	

PUBLICATIONS

Synthesized Policies for Transfer and Adaptation across Tasks and Environments
Hexiang Hu*, Liyu Chen*, Boqing Gong, Fei Sha
Neural Information Processing Systems (NeurIPS), 2018 (Spotlight)

AWARDS

Kerry Holdings Limited Scholarship <i>Half-tuition scholarship for 4 years</i>	2013 - 2017
Dean's List <i>In recognition of excellent academic achievement</i>	2014 - 2015, 2015 - 2016

RESEARCH INTEREST

Reinforcement Learning, Machine Learning

TECHNICAL STRENGTHS

C/C++, Python, PyTorch, TensorFlow