

EDUCATION

Purdue University <i>PhD(expected) Department of Computer Science</i>	West Lafayette, USA Aug 2019 - Present
Huazhong University of Science and Technology (HUST) <i>Bachelor of Science in Computer Science and Technology</i> GPA: 3.8/4.0	Wuhan, China Aug 2015 – July 2019

AWARDS

1. Freshmen Scholarship (1 out of 120), HUST	2015
2. National Scholarship (2 out of 120), HUST	2017
3. Model Student of Academic Records (5 out of 120), HUST	2017
4. Awarded Outstanding Student (4 out of 120), HUST	2017

RESEARCH EXPERIENCES

Research Assistant MSSN Lab Purdue Advisor: Chunyi Peng, Assistant Professor, Purdue University Handoff Project	West Lafayette, US Oct 2019 - Present
➤ Investigated an important yet unexplored performance problem of the performance gap between devices get in reality and what they can get at best in operational cellular networks.	
Mobility Management Map	Jul 2018 - Nov 2018
➤ Enabled the instant processing and instant echo of huge data containing handoff configurations from more than 32,000 cells and over 18,700 handoff instances worldwide and designed a brand new way to show data to make the process of analyzing and displaying data run ten times faster than before.	
Research Assistant Deep Learning Group HUST Advisor: Kun He, Professor, HUST, visiting scholar to Cornell University An approach to Estimate the Dimension of the Deep Manifold	Wuhan, China Jul 2017 - Nov 2017
➤ Explored thoroughly the manifold dimension of deep neural networks as a point of departure.	

PUBLICATIONS

- 1. **Kai Ling***, Jiaqi Xu*, Zhuo Jiang*, Haotian Deng, Chunyi Peng, *MMMap: Mobility Management Map of Global Carriers Networks At Your Hands*, ACM Internet Measurement Conference (IMC'18) Poster, accepted. (*co-first authors)

LEADERSHIP AND ACTIVITIES

Piano Pedagogy Chorus of HUST	Sep 2016 - Present
➤ Performed at more than 20 concerts.	
➤ Praised by many professors including Gregory Wait, Dean of the Department of Music at Stanford University.	
➤ Entered the national competition finals during the University Students Arts Festival.	
➤ Volunteered for the Internet Innovation and Entrepreneurship Competition in 2016.	

SKILLS

- **Programming Languages:** Proficient in C/C++/JAVA/JavaScript/Python, Assembly Language, Matlab;
- **Languages:** Mandarin (Native), English (Fluent, with ample experience in scientific English reading and writing).