

ZHENYU SONG

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EDUCATION

- Princeton University** *2017 - 2022 (expected)*
Ph.D. in Computer Science
Areas of Interest: System
Advisors: Kai Li & Wyatt Lloyd
- Shanghai Jiao Tong University**, Shanghai, China *2013 - 2017*
B.S. in Computer Science & Technology
Rank: 1/137
Advisors: Xinbing Wang & Xiaohua Tian

PUBLICATIONS

- Learning Relaxed Belady for Content Distribution Network Caching.**
Zhenyu Song, Daniel S. Berger, Kai Li, Wyatt Lloyd.
USENIX NSDI 2020
- Wi-Fi Goes to Town: Rapid Picocell Switching for Wireless Transit Networks.**
Zhenyu Song, Longfei Shangguan, Kyle Jamieson.
ACM SIGCOMM 2017
- Modeling Topic-level Academic Influence in Scientific Literatures.**
Jiaming Shen, Zhenyu Song, Shitao Li, Zhaowei Tan, Yuning Mao, Luoyi Fu, Li Song, Xinbing Wang.
AAAI 2016 Workshop on Scholarly Big Data
- HiQuadLoc: A RSS Fingerprinting based Indoor Localization System for Quadrotors.**
Xiaohua Tian, Zhenyu Song, Binyao Jiang, Yang Zhang, Tuo Yu, Xinbing Wang.
IEEE TMC 2016

PROFESSIONAL EXPERIENCE

- Student Researcher, YouTube (Remote)** *2021 - 2022 (expected)*
Mentor: Kevin (Hsieh-Chung) Chen.
- Research Intern, Microsoft Research Redmond (Remote)** *2020*
Project: learning-based SmartNIC offloading for Azure software load balancer.
Mentor: Daniel Berger
- Intern at ThinkForce, Shanghai** *2017*
Project: building deep learning accelerator. I am responsible for the driver and BLAS library.
Mentor: Liang Chen
- Research Intern, Princeton University** *2016 - 2017*
Supervisor: Kyle Jamison
- Research Intern, Carnegie Mellon University** *2016*
Supervisor: Swarun Kumar

TEACHING EXPERIENCE

- Teaching Assistant, Princeton** for COS 518 (Advanced Computer Systems) *Spring, 2019*
- Teaching Assistant, Princeton** for COS 418 (Distributed Systems) *Fall, 2018*

Teaching Assistant, SJTU for ES003 (Electronics Lab.)

Spring, 2016

Teaching Assistant, SJTU for CS334 (Computer Organization Lab.)

Fall, 2015

PROFESSIONAL ACTIVITIES

External reviews OSDI'18

INVITED TALK

Youtube

Boston, 2019

Topic: "WLC: Robustly Improving Byte Miss Ratio with Workload-Learning Caching".

HONORS & AWARDS

Gordon Y. S. Wu Fellowship in Engineering

2017 - 2022

National Scholarship (0.2%)

2016,15,14

Academic Excellence Scholarship (Type A) of SJTU (1%)

2016,15,14