

YUNHAO ZHANG

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🏛️ EDUCATION

Cornell University, Ithaca, United States 9.2017 – Present

- *Ph.D. student* in Computer Science, expected June 2023
- *Vice President* in Computer Science Graduate Organization

Shanghai Jiao Tong University, Shanghai, China 9.2013 – 6.2017

- *B.E.* in Software Engineering
- Overall GPA: 3.77/4.0, Major GPA: 4.0/4.0
- Outstanding Graduation Thesis of Shanghai Jiao Tong University (*Top 1%*)

🔬 RESEARCH EXPERIENCE

System Laboratory, Cornell University 9.2017 – Present

Advisor: Lorenzo Alvisi

- Byzantine Fault-tolerant Distributed Transactional Database

Institute of Parallel and Distributed Systems, SJTU 11.2015 – 6.2017

Advisor: Rong Chen and Haibo Chen

- Wukong: Fast and Concurrent RDF Queries with RDMA-based Distributed Graph Exploration
- Wukong+S: Low-latency Distributed Stream Query over Fast-evolving Linked Data

The project is now open-source at ipads.se.sjtu.edu.cn:1312/opensource/wukong

📄 PUBLICATION

[SOSP'17] Yunhao Zhang, Rong Chen, Haibo Chen. **Sub-millisecond Stateful Stream Querying over Fast-evolving Linked Data**. In Proceedings of the Twenty-Sixth ACM Symposium on Operating Systems Principles

🏆 HONORS AND AWARDS

Ph.D. Teaching Assistant Award (for CS5450 Networked and Distributed Systems) 5.2018

Tang Lixin Scholarship (support through my whole Ph.D career) 10.2016

Silver Prize, User eXperience Design Award 2015 (UXD Award 2015) 11.2015

Tung OOCL (Orient Overseas Container Line Ltd.) Scholarship 3.2015

Bronz Prize, National Olympiad in Informatics (NOI2012) 8.2012

🏠 STARTUP EXPERIENCE

Xichao Culture&Media Co., Ltd. Shanghai, China 10.2014 – 6.2016

IT Group Leader

- IT group recruitment and management
- Building and maintaining information system for SJTU official souvenir stores, based on *OpenCart*

7SensesLabs Co., Ltd. Shenzhen, China 5.2015 – 9.2015

Unity Game Developer

- Building first prototype of Solbit education robot, more information at solbitrobot.com

⚙️ SKILLS

Editor: GNU Emacs

Markup Languages: \LaTeX , Markdown, HTML

Program Languages: C/C++, Golang, Scala, Python, Java, OCaml, Octave

Libraries: Intel TBB, Open MPI, Apache Spark, Apache Storm, OpenGL, Intel® RealSense™SDK