

YUNHAO ZHANG

✉ yz2327@cornell.edu · ☎ (+1) 607-379-4109 · 🌐 www.dolobyte.net

🏛️ EDUCATION

Cornell University, Ithaca, United States 9.2017 – Present

- *Ph.D. student* in Computer Science, expected June 2023

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

- Geo-distributed Consensus and Transactions

Institute of Parallel and Distributed Systems, SJTU 11.2015 – 6.2017

Advisor: Rong Chen and Haibo Chen

- Wukong: Fast and Concurrent Query Processing on Big (Linked) Data
 - Wukong+S: Low-latency Distributed Stream Query over Fast-evolving Linked Data
- Please visit our project homepage: ipads.se.sjtu.edu.cn/projects/wukong

📄 PUBLICATIONS

[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

[OSDI'16 Poster] Yunhao Zhang, Rong Chen, Haibo Chen. **Wukong+S: Streaming Meets Querying on RDF Streams**. In Proceedings of the 12th USENIX Conference on Operating Systems Design and Implementation

🏆 HONORS AND AWARDS

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

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

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

Bronz Prize, National Olympiad in Informatics (NOI2012) 8.2012

🏢 INDUSTRY EXPERIENCE

Xichao Culture&Media Co., Ltd. Shanghai, China 10.2014 – 6.2017

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, product homepage: solbitrobot.com

⚙️ SKILLS

Editor: GNU Emacs

Markup Languages: L^AT_EX, 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