

# YUNHAO ZHANG

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## EDUCATION

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<b>Cornell University</b> , Ithaca, United States	9.2017 – Present
<ul style="list-style-type: none"><li>• <i>Ph.D. student</i> in Computer Science, supervised by Lorenzo Alvisi</li><li>• <i>Vice President</i> in Computer Science Graduate Organization</li></ul>	
<b>Shanghai Jiao Tong University</b> , Shanghai, China	9.2013 – 6.2017
<ul style="list-style-type: none"><li>• <i>B.E.</i> in Software Engineering</li><li>• Overall GPA: 3.77/4.0, Major GPA: 4.0/4.0</li><li>• Outstanding Graduation Thesis of Shanghai Jiao Tong University (<i>Top 1%</i>)</li></ul>	
<b>Nankai High School</b> , Tianjin, China	9.2010 – 6.2013

## RESEARCH EXPERIENCE

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<b>Systems Laboratory</b> , Cornell University	9.2017 – Present
Advisor: Lorenzo Alvisi	
<ul style="list-style-type: none"><li>• Byzantine Fault-tolerant Distributed Transactional Database</li></ul>	
<b>Institute of Parallel and Distributed Systems</b> , SJTU	11.2015 – 6.2017
Advisor: Rong Chen and Haibo Chen	
<ul style="list-style-type: none"><li>• Wukong: Fast and Concurrent RDF Queries with RDMA-based Distributed Graph Exploration</li><li>• Wukong+S: Low-latency Distributed Stream Query over Fast-evolving Linked Data</li></ul>	
The project is now open-sourced at <a href="https://ipads.se.sjtu.edu.cn:1312/opensource/wukong">ipads.se.sjtu.edu.cn:1312/opensource/wukong</a>	

## PUBLICATION

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[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

## TEACHING EXPERIENCE

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<b>Practicum in Operating Systems (CS4411)</b>	Fall 2018, Spring 2019
<ul style="list-style-type: none"><li>• Lecturer and Teaching Assistant, Department Outstanding Teaching Award</li></ul>	
<b>Networked and Distributed Systems (CS5450)</b>	2017 Fall
<ul style="list-style-type: none"><li>• Teaching Assistant, Department Outstanding Teaching Award</li></ul>	

## SELECTED HONORS

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Tang Lixin Scholarship	10.2016
<i>Silver Prize</i> , User eXperience Design Award 2015 (UXD Award 2015)	11.2015
Tung OOCL (Orient Overseas Container Line Ltd.) Scholarship	3.2015
<i>Bronz Prize</i> , National Olympiad in Informatics (NOI2012)	8.2012

## STARTUP EXPERIENCE

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<b>Xichao Culture&amp;Media Co., Ltd.</b> Shanghai, China	10.2014 – 6.2016
<i>IT Group Leader</i>	
<ul style="list-style-type: none"><li>• IT group recruitment and management</li><li>• Building and maintaining information system for SJTU official souvenir stores, based on <i>OpenCart</i></li></ul>	

**7SensesLabs Co., Ltd.** Shenzhen, China

5.2015 – 9.2015

*Unity Game Developer*

- Building first prototype of Solbit education robot, more information at [solbitrobot.com](http://solbitrobot.com)

## VOLUNTEER EXPERIENCE

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**Sri Lanka Orphanage Program** Pinawalla, Sri Lanka

8. 2015

- teaching math and art in orphanage
- organized by Oriental Connect International Volunteer Association (OCIVA Hong Kong)

**Teacher Summer Institute Program** Binchuan, Yunnan, China

8. 2014

- teaching Microsoft software skills for 100 high school teachers
- organized by Technology Education Connecting Cultures (TECC China)

## SKILLS

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Editor: Emacs

Markup Languages:  $\text{\LaTeX}$ , Markdown, HTML

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

Libraries: Intel TBB, Open MPI, Apache Spark, Apache Storm, OpenGL, Intel<sup>®</sup> RealSense<sup>™</sup>SDK