

ZHONGTANG LUO

📍 Purdue University

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EDUCATION

Purdue University <i>Ph.D., Computer Science</i>	2021 - 2026 <i>Advisor: Aniket Kate</i>
University of California, Berkeley <i>Visiting Student (Keystone Enclave)</i>	2019 <i>Advisor: Dawn Song</i>
Shanghai Jiao Tong University <i>B.S., Computer Science (Zhiyuan Honors Program)</i>	2016 - 2020

RESEARCH INTEREST

- Applied Cryptography & Multi-party Computation
- Distributed System Security
- Blockchain

PUBLICATION

Last Mile of Blockchains: RPC and Node-as-a-service Zhongtang Luo , Rohan Murukutla, Aniket Kate	[IEEE TPS'22]
RandPiper - Reconfiguration-Friendly Random Beacons with Quadratic Communication Adithya Bhat, Nibesh Shrestha, Zhongtang Luo , Aniket Kate, and Kartik Nayak	[CCS'21]

PROJECT

- OrgAn: Organizational Anonymity with Low Latency
<https://github.com/zhtluo/organ>
- Keyedge: Edge call protocol helper for Keystone Enclave
<https://github.com/keystone-enclave/keyedge>

THESIS

A New Approach to Classify Source Code with LSTM - Achieved an F1 score of 0.77 with an improvement over 0.4 from the generic natural language processing algorithm - Devised a graph to understand the nature of algorithms based on the result	B.S., 2020
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TEACHING

CS 251 - Data Structures and Algorithms (Teaching Assistant) - Held a PSO lecture every week during the semester to prepare students for assignments and exams.	2021, Purdue University
Programming Contest (Instructor) - Three students won gold medals in National Olympiad Informatics Programming contest (NOIP).	2015 - 2019, Children's Palace in Shanghai

ENGAGEMENT

- Competitive Programming**
 - Active participant in Codeforces (handle: Zhtluo)
 - Silver award in ACM ICPC World Final 2018 in team *Nightfall*, together with Wenda Qiu and Boning Li
 - Gold award in ACM ICPC Asia East Continent League (EC Final) 2017 & 2018
 - Gold award in China Collegiate Programming Contest Final (CCPC Final) 2017 & 2018

- Capture the Flag (CTF)**
 - Member of *B01lers*, a club in Purdue that specializes on CTFs
 - Third place in HackIN 2021

USD 1000

SKILL

Languages: Chinese (Native), Japanese (JLPT N1)

Programming: Python, C, C++, Rust, Java, Javascript

OTHER AWARD

Shanghai Jiao Tong University Undergraduate Outstanding Scholarship

2017-2019