

Luowen QIAN

PERSONAL INFORMATION

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EDUCATION

- SEP 2019 **Boston University**
- Ph.D. student in COMPUTER SCIENCE
Advisor: Ran Canetti
- SEP 2015 **Nanjing University, China**
- JUN 2019 Bachelor of Science in COMPUTER SCIENCE
GPA: 4.31/5
- AUG 2017 **University of California, Berkeley**
- MAY 2018 Exchange study in COMPUTER SCIENCE
GPA: 3.972/4

PUBLICATIONS

K. M. Chung, L. Qian. Adaptively Secure Garbling Schemes for Parallel Computations.
TCC 2019.

K. M. Chung, T. N. Liao, L. Qian. Lower Bounds for Function Inversion with Quantum Advice.
QIP 2020 (poster).

RESEARCH INTERESTS

- Cryptography;
- Quantum information theory and post-quantum cryptography;
- Other fields in theoretical computer science in general.

RELEVANT COURSEWORK

- Secure computations & zero knowledge in cryptography;
- Approximate algorithms, average-case analysis, algorithmist's toolkit;
- Decidability & computability theory.

HONORS & AWARDS

JAN 2016 Honorable Mention in Mathematical Contest in Modeling
FEB 2017 Chinese Government Scholarship for Study Abroad in Hong Kong
AUG 2017 Chinese Government Scholarship for Study Abroad at UC Berkeley

OTHER EXPERIENCES

I also maintain some open source projects, where I explore other interesting areas of computer science. Some selections include:

- Networking, examples: [1](#) (media coverage at [XDA Developers](#) and [Android Police](#)), [2](#), [3](#);
- Graphics & parallel computation, examples: [1](#), [2](#), [3](#);
- Computer music & programming language, [example](#);
- Reverse engineering & modding video games (obsolete).

I also contribute to existing projects online. See more: [GitHub@Mygod](#)