

# HAO CHUNG (鍾豪)

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## CURRENT POSITION

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**Carnegie Mellon University**

Ph.D. in Electrical and Computer Engineering

Pittsburgh, Pennsylvania, USA

02/2021 - Present

- Advisor: Elaine Shi

## EDUCATION

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**National Taiwan University**

M.S. in Electrical Engineering

Taipei, Taiwan

09/2016 - 06/2018

- Advisor: Kai-Min Chung and Chen-Mou Cheng (co-advised)
- Thesis: *Analysis and Comparison of Security Proofs of Quantum Key Distribution*

**National Taiwan University**

B.S. in Physics (minor in Philosophy)

Taipei, Taiwan

09/2018 - 06/2016

## WORK EXPERIENCE

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**Academia Sinica**

Research Assistant

Taipei, Taiwan

09/2019 - 02/2021

- Advisor: Kai-Min Chung

**DEXON Foundation**

Blockchain Researcher

Taipei, Taiwan

09/2018 - 05/2019

## PUBLICATIONS

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- [1] Bar Alon, Hao Chung, Kai-Min Chung, Mi-Ying Huang, Yi Lee, and Yu-Ching Shen. Round efficient secure multiparty quantum computation with identifiable abort. Cryptology ePrint Archive, Report 2020/1464, 2020. <https://eprint.iacr.org/2020/1464>.
- [2] Po-Chun Kuo, Hao Chung, Tzu-Wei Chao, and Chen-Mou Cheng. Fair byzantine agreements for blockchains. *IEEE Access*, 8:70746–70761, 2020.

## TEACHING EXPERIENCE

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**Summer School for Cryptography in Academia Sinica**

Teaching Assistant

Taipei, Taiwan

07/2017 - 08/2017