

# Zhian Jia<sup>\*</sup>

## PERSONAL DATA

NAME: Zhian Jia (Surname: Jia, '贾'; Given name: Zhian '治安')  
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RESEARCH BLOG: Chronicle of Physics  
HOMEPAGE: <https://polyidoit.github.io/jia/>  
GOOGLE SCHOLAR: <https://scholar.google.com/citations?user=oOd5cjEAAA&hl=en>  
ZHIHU: <https://www.zhihu.com/people/polyidiot>

## ACADEMIC EXPERIENCE

SEP 2021 - PRESENT | Centre for Quantum Technologies, **National University of Singapore, Singapore**  
*Supervisor: Dagomir Kaszlikowski*  
*Research Fellow*

NOV 2018 - DEC 2019 | Microsoft Station Q, Department of Mathematics, **University of California, Santa Barbara, California, United States**  
*Supervisor: Zhenghan Wang*  
*Visiting scholar program*

SEP 2017 - AUG 2018 | Yau Mathematical Sciences Center, Department of Mathematical Sciences, **Tsinghua University, Beijing, China**  
*Supervisor: Liang Kong*  
*Visiting Ph.D.*

## EDUCATION

SEP 2015 - JUN 2021 | CAS Key Laboratory of Quantum Information, **University of Science and Technology of China, Hefei, China**  
*Supervisor: Guang-Can Guo, Yu-Chun Wu*  
*PhD degree in Physics*  
Thesis: Classification, criteria and properties of quantum correlations and their applications in quantum many-body systems

SEP 2011 - JUN 2015 | Institute of Super-microstructure and Ultrafast Process in Advanced Materials, School of Physics and Electronics, **Central South University, Changsha, China**  
*B.S. in Applied Physics*  
Thesis: Impurity effect of vacancy in two-dimensional crystals and the related applications in quantum Hall effect

## SELECTED AWARDS

2017 Guorui scholarship for graduate students  
2016 National scholarship for graduate students  
2014 College scholarships of Physics and Electronics, Central South University  
2010 *The Second Prize of The 27th national physics olympiad, 2010.*

<sup>\*</sup>Simplified Chinese: 贾治安; Chinese (Mandarin): Zhian Jia or Zhi-An Jia; Name used before: Zhih-Ahn Jia.