

# XINYU MAO

Email: [xinyumao.tcs@gmail.com](mailto:xinyumao.tcs@gmail.com)

Website: <https://sparkmxy.github.io>

## EDUCATION

<b>University of Southern California</b> Ph.D. student in Computer Science Advisor: <u>Prof. Jiapeng Zhang</u> GPA: 4.0 / 4.0	Aug. 2022 – Present  Los Angeles, US
<b>Shanghai Jiao Tong University</b> Bachelor of Engineering in Computer Science A member of ACM Honor Class, Zhiyuan College Advisors: <u>Prof. Yijia Chen</u> and <u>Prof. Yong Yu</u> GPA: 3.96 / 4.3   Ranking: 2 / 33	Aug. 2018 – June 2022  Shanghai, China

## RESEARCH EXPERIENCE

<b>University of Southern California</b> Research Intern advised by <u>Prof. Jiapeng Zhang</u> <b>Research Topic:</b> foundations of cryptography.	May 2021 - April 2022
<b>Shanghai Jiao Tong University</b> Undergraduate Researcher advised By <u>Prof. Shengli Liu</u> <b>Research Topic:</b> public-key cryptography	Sept. 2020 – Feb. 2021

## PUBLICATIONS

<b>Non-Adaptive Universal One-Way Hash Functions from Arbitrary One-Way Functions</b> <b>Authors:</b> Xinyu Mao, Noam Mazon and Jiapeng Zhang	2022
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## HONORS AND AWARDS

<b>Zhiyuan Outstanding Student Scholarship</b>	2022
<b>Shanghai Outstanding Graduate</b>	2022
<b>Foresight-Sequoia Scholarship</b> 70 winners in SJTU each year	2021
<b>Huawei Scholarship</b> 14 winners at Zhiyuan College each year	2020
<b>Zhiyuan Honorary Scholarship</b> Top 5% in SJTU each year	2018, 2019, 2020
<b>Bronze Medal</b> The 34th China National Olympiad in Informatics (NOI)	2017

## TEACHING EXPERIENCE

<b>Great Ideas in Computer Science</b> Teaching Assistant I led a TA team, and I was deeply involved in the course design. I wrote an <u>Enigma Simulator</u> to facilitate teaching.	Fall 2019, Fall 2020, Fall 2021  Shanghai Jiao Tong University
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## SKILLS

**Programming:** C++, Java, Python, JavaScript, Latex  
**Language:** Chinese (native), English (TOEFL 105)