XINYU MAO

Email: xinyumao.tcs@gmail.com
Website: https://sparkmxy.github.io

EDUCATION

Shanghai Jiao Tong University   Aug. 2018 – June 2022
Bachelor of Engineering in Computer Science
A member of ACM Honor Class, Zhiyuan College
Advisors: Prof. Yijia Chen and Prof. Yong Yu
GPA: 3.96 / 4.3 | Ranking: 2 / 33   Shanghai, China

RESEARCH EXPERIENCE

University of Southern California   May 2021 - April 2022
Research Intern advised by Prof. Jiapeng Zhang
Research Topic: foundations of cryptography.

Shanghai Jiao Tong University   Sept. 2020 – Feb. 2021
Undergraduate Researcher advised By Prof. Shengli Liu
Reseach Topic: public-key cryptography

PUBLICATIONS

Non-Adaptive Universal One-Way Hash Functions from Arbitrary One-Way Functions   2022
   Authors: Xinyu Mao, Noam Mazor and Jiapeng Zhang

HONORS AND AWARDS

Zhiyuan Outstanding Student Scholarship   2022

Shanghai Outstanding Graduate   2022

Foresight-Sequoia Scholarship   2021
70 winners in SJTU each year

Huawei Scholarship   2020
14 winners at Zhiyuan College each year

Zhiyuan Honorary Scholarship   2018, 2019, 2020
Top 5% in SJTU each year

Bronze Medal   2017
 The 34th China National Olympiad in Informatics (NOI)

TEACHING EXPERIENCE

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

SKILLS

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