

BING WU

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🔗 <https://bbingwu.github.io/>

🎓 EDUCATION

Shandong University (SDU), Shandong, China

Sep.2020 – Present

Cyberspace Technology Undergraduate

- **Grades:** 91.62 / 100 | GPA: 4.16 / 5.0
- **Ranking:** 2 / 105 2%
- **Main courses:** Advanced programming language(93), Computer Networks(94), Operating system(91), Database System(95), Introduction to Modern Cryptography(95), Mathematical Foundations of Public Key Cryptography(96) and so on
- **English:** IELTS: 6.5

⚙️ RESEARCH EXPERIENCE

Asynchronous Dynamic MPC Protocol Modification

Sep.2023 – Jan.2024

- Modified a new multi-party computation protocol based on dynamic nodes and asynchronous model.
- Implemented part of code for this protocol
- Learned about the basic knowledge of MPC and was responsible for part of the implementation code.

Blockchain wallets based on efficient lattice signature

Sep.2022 – Aug.2023

- Implemented the Musig-L scheme and applied it in Blockchain wallet and developed corresponding UI.
- This wallet satisfied the feature of polymerization signature
- Won the first prize in the National College Student Information Security Contest
- Was responsible for partial implementation of the signature scheme
- Arranged discussions and assigned tasks as the team leader.

👥 ADDITIONAL EXPERIENCE

Qiming Volunteer Teacher Project

Jan.2023

- Taught elementary students in rural areas for 2 weeks
- Dedicated to introducing traditional Chinese culture beyond the textbooks to them

Online Teaching in Luka District

Jan.2022 – April.2022

- worked as a teaching assistant for junior high school students for 4 months
- answered questions of math and English

♥️ HONORS & AWARDS

- First prize in the National College Student Information Security Contest(CISCN), 2023 (774 teams were shortlisted and 44 teams won the first prize)
- 2021 - 2022 Undergraduate National Scholarship
- The First Class Academic Scholarship and Specialty Scholarship
- Merit Student in Shandong University

🏹 INTERESTS

For research, I am interested in fields of cryptography.

For sports, it is always been about using sports as a force of communication, and especially in a sport like hiking. It is so free and relaxing, and also helps me take a break from work.

I am also interested in books which focus on psychology.