

# Zifan Hua

## Contact Information

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- GitHub: <https://github.com/Alex222222222222>

## Summary

As a highly motivated and detail-oriented individual with a strong background in mathematics and programming, I am excited to apply for the quantitative trader internship position for Jane Street. My experience in participating and winning in mathematics competitions demonstrates my ability to think critically and solve complex problems under pressure. Additionally my experience in developing and maintaining open source projects demonstrates my ability to work independently and collaborate with others and also my programming skills. I am eager to apply my skills and knowledge to contribute to the success of the trading team and learn from experienced professionals in the field.

## Education

### **2023-, University of Nottingham**

BSc Hons Maths w/App Maths

Expected graduation: 2025

### **2021-2023, University of Nottingham Ningbo China**

BSc Hons Maths w/App Maths

- **Relevant Coursework**

- Python Coursework
- Matlab Coursework
- Statistic Coursework

- **Honours & Awards**

- 2023, IMC(International Mathematics Competition), Gold Medal
- 2023, UNNC Mathematics Olympiad, Gold Medal
- 2022, IMC(International Mathematics Competition), Silver Medal
- 2022, UNNC Mathematics Olympiad, Gold Medal

- **Clubs & Activities**

- 2022-2023, UNNC Undergraduate Mathematics Seminar, Presenter
- 2022-2023, UNNC Cube Club, Society Leader

## Experience

### **2023, Personal Project**

MacOS Clipboard Manager

GitHub: <https://github.com/Alex222222222222/CopyClip>

- A clipboard manager for MacOS, written in Rust(Tauri+Yew+Sqlite).

- History search and filter with regular expression or fuzzy search.

### **2023, Personal Project**

Rust Library for 2FA

GitHub: <https://github.com/Alex222222222222/r2fa>

- A Rust library for generating 2FA(Two Factor Authentication) codes that support TOTP and HOTP.

### **2022-2023, Society Leader**

UNNC Cube Club

- Organize competitions and tutorial sessions that have over 100 participants in total.
- Write and design activity and recruitment posts that was read by over 500 people in total.

## **Skills**

- **Mathematics**

- **Technical Skills**

- Rust
- Golang
- Python
- Matlab
- Database

- **Tools**

- Git
- Linux
- Docker
- L<sup>A</sup>T<sub>E</sub>X

- **Languages**

- English
- Chinese

- **Other**

- Communication
- Organization
- Presentation