Zifan Hua

Contact Information

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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

2021-2023, University of Nottingham Ningbo China

- **Relevant Coursework**

    - Python Coursework
    - Matlab Coursework
    - Statistic Coursework

- **Honours & Awards**

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

- **Description**

    - A clipboard manager for MacOS, written in Rust(Tauri+Yew+Sqlite).
    - History search and filter with regular expression or fuzzy search.

- **Skills**

    - Rust

- Tauri(GUI Framework)
  - Yew(Frontend)
  - Database
- **GitHub https://github.com/Alex222222222222/CopyClip**

2023, Personal Project, Rust Library for 2FA

- **Description**
  - A Rust library for generating 2FA(Two Factor Authentication) codes.
  - Support TOTP and HOTP.
  - Support SHA1, SHA256, SHA512.
- **Skills**
  - Rust
  - Cryptography
- **GitHub https://github.com/Alex222222222222/r2fa**

2022-2023, Society Leader, UNNC Cube Club

- **Description**
  - Organize weekly meetings.
  - Organize competitions and tutorial sessions.
- **Skills**
  - Leadership
  - Communication

Skills

- **Mathematics**
- **Technical Skills**
  - Rust
  - Golang
  - Python
  - Matlab
  - Database
- **Tools**
  - Git
  - Linux
  - Docker
  - LaTeX
- **Languages**
  - English
  - Chinese
- **Other**
  - Communication
  - Organization