

# Yongcong Situ

WEB FRONT-END ENGINEER

Guangzhou, Guangdong, China

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## Education

### Guangzhou University

UNDERGRADUATE / NETWORK ENGINEERING

Guangzhou, China

2020/09 - 2024/06

- GPA: 3.65/4.00 (Top 10%)
- English: CET-6 (552)

## Competition

### WeChat Mini Program Application Development Competition

SPONSORED BY TSINGHUA UNIVERSITY AND TENCENT WECHAT GROUP

2022.06-2022.08

- Responsible for the development of the Yanggu applet, which aims to provide a platform for rural farmers to trace the origin of crops.
- The app is developed using **React** and the applet cross-end framework **Taro**, and uses MobX for state management.
- Won the **National First Prize** of this competition, the winning rate is 0.3%

## Open Source

### OpenSumi collaborative editing module

OPENSUMI IS A FRAMEWORK DEVELOPED BY ALI AND ANT TO HELP DEVELOPERS QUICKLY BUILD LOCAL AND CLOUD IDEs.

2022.07 - 2022.08

[HTTPS://GITHUB.COM/OPENSUMI/CORE](https://github.com/opensumi/core)

- 2022 **Alibaba Summer of Code** subject
- The module developed this time roughly realizes the basic editor **real-time collaboration** function.
- Understand the basic architecture design and underlying technologies required by editors such as vscode / **IDE**, such as dependency injection, websocket, IPC/RPC, etc.
- Learn about other work in the complete project besides development, such as CI/CD, unit testing, coding/commit specification, teamwork communication, etc.
- Become a **member** of this community, and learn more about the application of **object-oriented programming** in real projects.

### Logseq Active Contributor

LOGSEQ IS AN OPEN SOURCE KNOWLEDGE MANAGEMENT APPLICATION THAT SUPPORTS BLOCK-LEVEL BIDIRECTIONAL LINKS.

2022.12 - now

[HTTPS://GITHUB.COM/LOGSEQ/LOGSEQ](https://github.com/logseq/logseq)

- The project is mainly developed using **React**, Tailwind CSS, ClojureScript, JavaScript, DataScript, Electron.
- As a daily user of the app, dissatisfied with the existing experience. Reported numerous bugs and fixed them. Mainly related to **editor**, **Electron** etc.
- Several features are proposed and implemented, such as support for pasting in multiple formats, and a convenient **clipboard data viewing tool**.
- Write E2E tests for this item. Responsible for maintaining the issues area of the project in spare time.
- Improved the **user experience** of the app and learned more about the application of **functional programming** in real projects.

## project experience

### Situ Note

PERSONAL BLOG [HTTPS://SITU2001.COM](https://situ2001.com)

2022.11 - now

- has a **habit of blogging**, where most blogs are published.
- Developed using Next.js with **React**. The styling part uses Tailwind CSS and DaisyUI library.
- Use webhooks to implement a process where blog post updates automatically trigger builds. Write a JS script to update the Markdown article to the remote server database after processing.
- Use the **serverless** function and cooperate with the ORM library Prisma to realize simple visitor counting and other functions.

## Expertise

|                                  |  |
|----------------------------------|--|
| <b>programming language</b>      | Master <b>JavaScript</b> , <b>TypeScript</b> , understand Clojure, ClojureScript |
| <b>programming paradigm</b>      | Understanding <b>functional programming</b> and basic <b>design patterns</b>     |
| <b>Web front end</b>             | Master <b>React</b> , <b>Node.js</b> , understand CSS, HTML                      |
| <b>Professional course</b>       | Good <b>operating system</b> and <b>computer networking</b> basics               |
| <b>DevOps</b>                    | Understand Docker, CI/CD   |
| <b>English ability</b>           | Possess good <b>English listening and writing skills</b> .                       |
| <b>Cooperative communication</b> | Good cooperation and communication skills  |