Yongcong Situ

WEB FRONT-END ENGINEER

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Education

Guangzhou University
Guangzhou, China

UNDERGRADUATE / NETWORK ENGINEERING
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.

HTTPS://GITHUB.COM/OPENSUMI/CORE
2022.07 - 2022.08

- 2022 **Alibaba Summer of Code** project
- The module roughly implements the basic feature of **real-time collaboration** in text editor.
- Have understood the basic architecture design and underlying technologies required by editors such as vscode / **IDE**, such as dependency injection, websocket, IPC/RPC, etc.
- Learnt about other works 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.

HTTPS://GITHUB.COM/LOGSEQ/LOGSEQ
2022.12 - now

- 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 inspector**.
- 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.

Personal Project

Situ Note

PERSONAL BLOG HTTPS://SITU2001.COM
2022.11 - now

- 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.

Skills

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