Wenqing Luo

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🎓 Education

University of Illinois at Urbana–Champaign (UIUC), Illinois, U.S.   2017 – Present
B.S. in Electrical and Computer Engineering (ECE), expected May 2021

👥 Experience

YiWise Inc. Hangzhou, China   June. 2018 – September. 2018
React, WebSocket, Electron.js   Software Developer of Summer Intern

Brief introduction: Building an AI call platform application with React, as well as a record audio downloader with electron.js.

- Implemented the auth and permission part of the platform.
- Participated in restructure the original codebase with TypeScript.
- Implemented real-time call service by using WebSocket and WebRTC.
- Build up CI/CD pipeline for the front-end application by using docker.

Contribute for VSCode   August. 2018 – Present
TypeScript, Electron.js   Fixed several bugs

Brief introduction: I participated development of the open source project – VSCode, help the team fix several bugs including git module and search widget. This experience brought me a strong interest in contributing for open source project.

Recruit Open Platform   May. 2018 – Present
Vue, NodeJS, GoLang, gRPC, Major Developer   Individual Projects

The project is used for university associations to manage their annual recruitment which supports form edit, interview and association management.

- Divide the large system into several micro-services by using gRPC and Traefik(service mesh + load balancing).
- Implement server side rendering of the form submit page.
- Manage the deployment on clusters by Docker Swarm.

⚙ Skills

- Programming Languages: TypeScript = JavaScript > GoLang = C++ > Python
- Platform: MacOS, Arch Linux
- Development: Web Application(Full Stack) (React, Vue, WebSocket, Electron.js), Micro Service(gRPC, Docker Swarm, Traefik), Database(MySQL, Mongo), Redis.

ℹ Miscellaneous

- Blog: https://blog.laphets.com
- GitHub: https://github.com/laphets
- Languages: English - Fluent, Mandarin - Native speaker