Jiale Shao(Kayce)

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Education

Sichuan University   2017/09 — 2021/07
Bachelor of Engineering in Computer Science and Technology   Chengdu, Sichuan, China
- Courses: Operating Systems, Computer Architecture, Computer Networks, etc.

Work Experience

Pionex Crypto Exchange, Onsite   2023/06 — 2024/08
Senior Backend Engineer
Developing and maintaining the trading system of Pionex, a crypto trading platform.
- **Rebate System**. Designed and implemented the rebate system to support the rebate of trading fees to users.
- **Virtual Account System**. Designed and implemented a system to reuse multiple trading accounts of external crypto exchanges to help reduce the cost of maintaining those accounts(10 -> 4).
- **Index Price System**. Participated in the development of the index price system to provide the real-time (usually less than 2s) index price of the crypto assets with high availability.
- **Account Settlement**. Participated in the development of the account settlement system to provide a fast and high available account settlement service.

Lark, Bytedance, Onsite   2021/07 — 2023/06
Golang Software Engineer
... and also   2020/06 — 2021/06
Golang Software Engineer Intern
Involved in the development of the ATS(Application Tracking System) of Lark.
- **Refactoring the Search System**. Reduced the query latency(from 500ms+ to 100ms+).
- **Auth System**. Developed an ABAC + RBAC auth system to handle the complex permission requirements(more than 100 different permissions in use) within the ATS.
- **MutiGeo Retrofit**. Participated in the retrofit of the system to support multi-geo(currently 2 geos) deployment, which addressed the data sovereignty issues of the company.
- **Data Encryption**. Implemented the data encryption module to protect the sensitive data of the users in databases.

Misc

Telescope.nvim ⌨ nvim-telescope/telescope *as maintainer for several nvim extensions*   2023/07 — Now

Codewars 🎖 kayce.gitignore | Codewars *Online Developer Assessment Built on Quolified*   2024/10 — Now
- **Honor Percentile**: Top 1.530%
- **Rust**: 3 kyu
- **Go**: 4 kyu

Skills

- **Programming Languages**: Go (Since 2020), Rust and Java (Vertx)
- **Tech Skills**: Kafka, PostgresSQL, MySQL, Redis, MongoDB, OpenResty, etc.
- **Tools**: NeoVim / Vim, Git, Docker, etc.