Jinyang Yao

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Previous Experience

2021–2024   **Full Stack Software Developer**   *Flint Healthcare (YC20), Vancouver, BC, Canada*

- Designed, implemented and maintained the CQRS and event sourcing based platform in Haskell and Elm.
- Maintained the kubernetes cluster, CI and the deployment process.
- Interviewed software developer candidates.

2020-2021   **UBC CS honours program**   *The University of British Columbia, Kelowna, BC, Canada*

- Using semi-supervised learning technique to automatically assess first year prgoramming assignments.

2019   **Software Developer Internship**   *Chongqing Univeristy, Chongqing, China*

- Implemented tools to optimize building design with multi objective constrains. Implemented Flask and React based platform to aggregate and demonstrate sensor data.

Education

2017-2021   **B.S Honours in Computer Science, Minor in Mathmetics**
The University of British Columbia, Kelonw, BC, Canada

Skills

- Haskell, C++, C, Python, Typescript
- Linux system programming
- System design, RESTFUL api design, Event sourcing, DDD modeling
- Programming language theory.
- Nix build system

Projects

- melonOS   github.com/ailrk/melonOS
  A posix style operating system written in C

- cppparsec   github.com/ailrk/cppparsec
  A header only C++ parser combinator library

- blgol60   github.com/ailrk/blgol60
  An algol60 compiler in Haskell