

Jinyang Yao

Vancouver, BC, Canada

+1 250-899-2600

jinyangyaop@gmail.com

ailrk.com

github.com/ailrk

linkedin.com/in/jinyangyao

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 programming assignments.

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

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

Education

2017–2021 **B.S Honours in Computer Science, Minor in Mathematics**

The University of British Columbia, Kelowna, 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
- blgol6o github.com/ailrk/blgol6o
An algol6o compiler in Haskell