

Samuel Warfield

Software Engineer

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535 High Point Dr.
Golden, CO 80403

720.278.8897
samuel.warfield2@gmail.com

Skills

Fluent in **Go**, **Python**, and at high performance **C++**. Linux enthusiast, using it for my daily driver. Heavy on-call experience, with the ability to remain calm in extreme circumstances. Lastly, I'm an ok Glass blower.

Experience

Cloudflare / Systems Engineer

January 2022 - May 2024, Remote

Working as a systems engineer for the Workers Runtime, a high performance, asynchronous runtime for running javascript and web assembly based on V8 **globally distributed on Cloudflare's Edge**. Written in **Low level C++** tasks included things such as implementing network RFCs and configuring unix sockets for IPC and network access, and bridging **Rust** code into the runtime.

Duties also included integrating with other systems, such as a configuration service written in **Go**, configuring infrastructure with Salt, and automating builds and tests using Bazel and **Python**.

Additionally had on-call responsibilities.

Fanatics / Software Engineer II

January 2020 - December 2021, Boulder

I worked on a **GoLang Backend** service full time starting January 2020. I was responsible for a 16x speed up in our original codebase. Additionally I was responsible for my team's cloud infrastructure, deployments, and was the **CI/CD** expert for my office (Gitlab). Additionally had on-call responsibilities.

Fanatics / Software Engineering Intern

May 2019 - August 2019, Boulder

Worked as a full stack developer intern at Fanatics' Boulder office, Creating a **RPC framework for WebAssembly in Rust**.

Education

Colorado School of Mines / BS Computer Science

August 2016 - January 2020, Golden CO

Stanford Design School / University Innovation Fellow

Dec 2016 - January 2020, Golden CO