Jarek Samic

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Software Developer passionate about building impactful systems and high-performing teams.

Experience

Senior Developer
1Password

📅 Sep 2020 — Present   ⚲ Remote

- Key contributor towards passkey support across all major browsers in the 1Password browser extension.
- Overhauled a complex, years-old browser extension build system used weekly by over sixty developers. Decreased warm build times by over 90% (1m 20s → 5s).
- Worked on high-impact CI improvements with a cross-functional team, resulting in a 50% and 60% reduction to p50 and p90 merge request pipeline times (respectively).
- Led the build & release process for the 1Password browser extension. Overhauled the existing system to ensure predictability and implement automated nightly releases.
- Owned the implementation & launch of Unlock with SSO in the 1Password browser extension, collaborating with multiple teams.
- Key contributor towards the 1Password browser extension for iOS. Rebuilt many aspects of the desktop extension in less than 90 days in order to launch day-one on the App Store.
- Accelerated developers & teams across the company by sharing knowledge and providing guidance/mentoring on a day-to-day basis.
- Built well-received internal tools and valuable testing frameworks.

Intern
1Password

📅 Summer 2020   ⚲ Remote

- Worked with Rust and Typescript to improve autofilling data into websites across our browser extension and desktop app products.
- Heavy focus on automated testing and graceful degradation of accuracy when faced with poorly designed pages.

Student Developer
Google Summer of Code with FFmpeg

📅 Summer 2019   ⚲ Remote

Worked independently to research, design, and implement a hardware-accelerated, single-pass video stabilization filter for the FFmpeg library. *https://cldfire.dev/blog/gsoc-2019*

Projects

nvml-wrapper *github*
A safe and ergonomic Rust wrapper for the NVIDIA Management Library (NVML). Used in production by Twitter and other companies.

minecraft-status *github*
An iOS app with widgets that display the results of pinging a Minecraft server, supporting both Java and Bedrock editions. Rust business logic with SwiftUI frontend.

mc-server-wrapper *github*
Lightweight Minecraft server wrapper binary that provides a Discord chat bridge and other features for vanilla servers.

actualbudget/actual *github*
Ported an old, complex React Native component to the web, unlocking mobile transaction entry for the popular local-first personal finance app Actual. PR: *#1340*

rust-lang/rust *github*
Implemented the Ayu theme for rustdoc: *#71237*

Education

University of Akron

📅 2016 — 2020   ⚲ Akron, OH

- B.S. in Computer Science with a minor in Mathematics — **3.9 GPA**
- Dean's List, President's List
- Completed 4/5 of degree and then left to accept a job offer

Other

Lightning Talk at Programming Conference
Rust Belt Rust

📅 2017   ⚲ Columbus, OH

Gave impromptu talk about my work theming various sites in the Rust community. *https://youtu.be/7VulqInDO6Y*

Skills

Rust, Typescript, Javascript, FFI, Swift, React, SwiftUI, C, C++, native messaging, Git, CI, teamwork, debugging, problem-solving, and a love of asking *why*.