JAREK SAMIC
COMPUTER SCIENCE STUDENT

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pdf

Experience

1Password
Intern - Brain Team

May 2020 - August 2020

Working with Rust and Typescript to improve autofilling data into websites across our browser extension and desktop app products. Heavy focus on testability and graceful degredation of accuracy when faced with poorly designed pages.

Google Summer of Code with FFmpeg
Student Developer

May 2019 - August 2019

Worked independently to research, design, and implement a hardware-accelerated (using the OpenCL API), single-pass video stabilization filter for the FFmpeg library. Please see the post on my site ("Google Summer of Code 2019: Hardware-Accelerated Deshake Filter for FFmpeg") to learn more.

Education

University of Akron - Akron, Ohio
B.S. in Computer Science with a minor in Mathematics — **3.9 GPA**

2021 (expected)

Dean's List, President's List
Completed 70 credits prior to graduating high school

Projects

Rust Wrapper for the NVIDIA Management Library
https://github.com/cldfire/nvml-wrapper

Safe Rust FFI wrapper for the NVIDIA Management Library.

Other

Panera Bread
Associate

January 2019 - April 2020

Woke up ~4:30 AM to open a local Panera 5 days a week, never missed a shift. Deemed "most reliable" employee by my managers.

Lightning Talk at Programming Conference
Rust Belt Rust - Columbus, OH

2017

Gave impromptu talk about my work theming various sites in the Rust community; it can be viewed at https://youtu.be/7VulqInDO6Y

Volunteer Work - Youth Summer Camp
Creative Director and Head of Video Production

2014 - Present

Putting my passion for videography / photography to work in a volunteer setting is one of my favorite things to do each year.

Technical

Rust	OpenCL	Linux (Arch, Ubuntu)
C / C++	FFI	macOS
Swift	Git, Continuous Integration	WASM