

Avery Harnish

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EXPERIENCE

CLOUDFLARE, INC. | SYSTEMS ENGINEER
November 2018 - Current | Austin, TX

Continually improving the developer experience of the distributed serverless platform Cloudflare Workers through:

- Management and triage of Wrangler's open source issue tracker and community pull requests.
- Contribution to Rust open source projects for Wrangler dependencies tokio, wasm-pack, cargo-generate, and binary-install.
- Development and maintenance of Workers Sites which boasts faster response times when benchmarked against similar products such as Netlify and Zeit.
- Creation of 'wrangler dev' which allows developers to test their applications with any HTTP client without deploying to Cloudflare's network.
- Creation of an open source template for developing Cloudflare Workers with TypeScript.

CLOUDFLARE, INC. | SYSTEMS ENGINEER INTERN
May 2018 - November 2018 | Austin, TX and Easton, PA

Developed applications for Cloudflare's global network with Cloudflare Workers:

- Shipped a distributed implementation of Signed HTTP Exchanges to provide Real URLs for Cloudflare customers with AMP pages that now serves 2k signed exchanges per second to Googlebot.
- Spoke about AMP Real URL and signed exchanges at the AMP Contributor Summit in October of 2018.
- Developed the Serverless Provider Plugin for Cloudflare Workers which was the first official CLI tool for publishing Workers.

SNOWVATION, INC. | SOFTWARE ENGINEERING INTERN
May 2017 - January 2018 | Bethlehem, PA & Denver, CO

Created a ski/snowboarding booking website with a small team of engineers

- Developed a central user portal serving ski resort administrators, instructors, students, and customers using Python and FullCalendar.
- Developed a system that reminds thousands of customers of their upcoming ski/snowboard lessons.
- Regularly made product decisions that directly led to increased customer satisfaction and contract renewals.

LAFAYETTE COLLEGE IT SERVICES | WORK STUDY
August 2016 - May 2018 | Easton, PA

- Automated the migration of ~1700 department evaluation files from 35 departments to a new system using Python and Selenium.
- Regularly provided input at weekly board meetings as a student ambassador.
- Provided technical support and repair services to students and faculty at the help desk.

EDUCATION

LAFAYETTE COLLEGE | B.A. IN COMPUTER SCIENCE AND RELIGIOUS STUDIES
May 2019 | Easton, PA

RELEVANT SKILLS

EXPERIENCED WITH

Rust • Cloudflare Workers • JavaScript
CI/CD • OSS Community Management
Python • Flask • HTML • Technical Writing

FAMILIAR WITH

Golang • CSS • TypeScript
SQL • Docker • Public Speaking

PRESENTATIONS

AMP Contributor Summit 2018 | MOUNTAIN VIEW, CA

PUBLICATIONS

Real URLs for AMP Cached Content Using Cloudflare Workers | CLOUDFLARE BLOG