

# Avery Harnish

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## EXPERIENCE

### CLOUDFLARE, INC. | SYSTEMS ENGINEER

November 2018 - Current | Austin, TX

Continually improving the developer experience of Cloudflare Workers through:

- Consistent management and triage of Wrangler's open source issue tracker and community pull requests.
- Continuous contribution to Rust open source projects that Wrangler relies on such as tokio, wasm-pack, cargo-generate, and binary-install.
- Development and maintenance of numerous components of Workers Sites which boasts incredible performance compared to similar products such as Netlify, GitHub Pages, and Zeit.
- Creation of wrangler dev which allows developers to test their applications with any HTTP client without deploying to Cloudflare's network.
- The 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:

- Implemented Signed HTTP Exchanges to provide Real URLs for Cloudflare customers with AMP pages. This product now serves 2k signed exchanges per second to Googlebot.
- Wrote a technical blog post to announce AMP Real URL.
- Spoke about AMP Real URL and signed exchanges at the AMP Contributor Summit in October of 2018.
- Developed the first version of the Serverless Plugin for Cloudflare Workers.

### SNOWVATION, INC. | SOFTWARE ENGINEERING INTERN

May 2017 – January 2018 | Bethlehem, PA & Denver, CO

Created a sports booking website with a small team of engineers

- Developed a central user portal used by thousands of customers during peak season for 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

- Saved an estimated 50 hours of manual data entry by automating the migration of ~1700 department evaluation files from 35 departments to a new system using Python and Selenium.
- Regularly provided inputs 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 • Open Source  
Python • Flask  
HTML • CI/CD  
Technical Writing

#### FAMILIAR WITH:

Golang • CSS • TypeScript  
SQL • Docker • Public Speaking