

# J Haigh

## TECHNICAL SKILLS

Programming Languages : Rust, Haskell, C++, SQL, PHP  
Tools : Git, Splunk, Travis CI, Sumologic, Jenkins, Docker, Kubernetes, WebSphere, Tomcat, Postgres

## EDUCATION

**Recurse Center** Winter 2018  
- Self-directed learning in Rust & Haskell  
**University of Colorado Denver** Spring 2017  
- Computer Science B.S. GPA: 3.75/4

## WORK EXPERIENCE

**Rust Developer** **SearchSpring** **May 2018 - Oct. 2018**  
• Rust Application — Developed new features to aggregate shopping platform data in existing Rust application  
• Optimized new application to perform 25x faster than the legacy PHP code  
• Setup monitoring & alerts for application errors increasing uptime  
• Deployed services to Kubernetes cluster hosted on Google Cloud

**Freelance Software Engineer** **Derrick Blanton 2020** **Nov. 2017 - Mar. 2018**  
• Haskell Application — Developed a web crawler to parse Colorado Senate & House Bills information & wrote it out to a CSV file to make the information easily accessible

**Freelance Software Engineer** **School Board Campaign** **Oct. 2017 - Nov. 2017**  
• Rust CLI Application — Parsed Facebook friends from an html file & compared to a CSV file with voters to return a list of friends that hadn't voted yet

**Freelance Software Engineer** **Clean Slate Now** **Apr. 2017 - June 2017**  
• Developed a platform used by more than 30,000 people that communicated information of the use of special interest money in campaigns & influenced Denver elections

**Software Engineer Intern** **Vantiv** **Nov. 2015 - Dec. 2016**  
• Automated RedHat server application testing with Expect & Crontab scripts  
• Debugged application by analyzing terabytes of logs using Splunk  
• Integrated software using Jenkins & deployed rollouts using WebSphere & Tomcat

## COMMUNITY ENGAGEMENT

**Haskell Book Club Facilitator** **Aug. 2017 - Sept. 2018**  
• Organized Denver's Haskell Book Club to teach Haskell to developers of all experience levels by working through the exercises in "Haskell Programming from First Principles"  
• Created an online iteration for developers to meet virtually once a week to get help on questions

**Boulder/Denver Rust Meetup Co-Organizer** **June 2018 - Present**  
• Identified potential speakers, event sponsors & accessible locations to hold events for Rust

## PUBLIC SPEAKING

*Seriously, the Haskell Type Checker is Your Friend* — LambdaConf 2018

*Rust in Production: Verbose vs Composable* — Boulder Rust Meetup June 2018

*Bound for Greatness: RankNTypes* — Boulder Haskell Meetup Aug. 2018

*Cryptographic Megalomaniacs: Lessons Learned From my PR on Dalek* — Denver Rust Meetup Dec. 2018