DebugSteven@gmail.com | 303-906-6963 | https://github.com/DebugSteven

J Haigh

TECHNICAL SKILLS

Programming Skills   : Haskell, C, C++, Rust, Java, SQL, PHP, Python
Tools   : Git, Splunk, Jenkins, Travis CI, WebSphere, Tomcat
Databases   : MySQL, Softerra LDAP Admin

WORK EXPERIENCE

Freelance Software Engineer   Derrick Blanton 2020   Nov. 2017 - Present
• Haskell Application — Developing a web crawler to parse Colorado Senate & House
  Bills information and writing it out to a CSV file to make the information more easily
  accessible

Freelance Software Engineer   School Board Campaign   Oct. 2017 - Nov. 2017
• Rust CLI Application — Parsed Facebook friends from an html file and 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 to make Colorado politics more transparent using PHP and SQL
• More than 30,000 people will determine elections based on special interest money
  used in campaigns as a direct outcome of this platform

Software Engineer Intern   Vantiv   Nov. 2015 - Dec. 2016
• Completed ForgeRock training on Access Management
• Simulated an upgrade of ForgeRock OpenAM 11.0.0 to 11.0.3 with all supporting soft-
  ware and configuration on a development sandbox using VirtualBox with Ubuntu
• Automated RedHat server application testing with Expect and Crontab scripts
• Debugged application by analyzing terabytes of logs using Splunk
• Integrated software using Jenkins
• Deployed rollouts using WebSphere and Tomcat
• Managed single sign-on services for clients

EDUCATION

University of Colorado Denver   Spring 2017
- Computer Science B.S.   GPA: 3.75/4

Senior Design   Fall 2016 - Spring 2017
• 1st place CS Project Award Fall 2016 out of 10 other competing projects — Developed bicy-
  cle safety mobile app and admin webpage for a client with focus on SQL database to store
  users, comments, and reported issues and product documentation

Embedded Systems   Spring 2016
• Implemented image recognition and ultrasonic obstacle detection via Arduino for a drone

Operating Systems   Summer 2015
• Created a shell, implemented theoretical system scheduling algorithms with calculations,
  implemented theoretical page replacement algorithms with calculations output in C/C++

Database Systems   Spring 2015
• Developed a 3rd normal form database based off of a 3 schema design and ER diagram using
  MySQL, SQL, CSS, HTML, and PHP

COMMUNITY ENGAGEMENT

DenverFP Co-Organizer   Aug. 2017 - Present
• Created Denver's Haskell Book Club to teach Haskell to developers of all experience levels

• Identified event sponsors and locations to host events on functional programming

ACM Officer   Spring 2017
• Focused on bringing in new speakers for tech talks, hosting various tech events for students
  to gain skills they otherwise wouldn't in class, and promoting these events in classrooms