

Chris Clark

“I have a passion for programming, designing systems, and learning with people. I help teams to be productive through clarity, vision, and teamwork.”

✉ cfclrk@gmail.com
☎ 571-732-9827
🔄 <http://github.com/cfclrk>
📖 <http://stackoverflow.com/u/340613>
in <http://linkedin.com/in/cfclrk>

Skills

Most Recent and Familiar

Cloud Stuff: AWS, Azure, Terraform

Languages: Python, Bash, Clojure, Javascript, Go

Other: Git, Docker, GNU Make, Packer, Ansible

Worked with in the Past

Languages: Java, Rust, L^AT_EX, C, C++, MATLAB/Octave, CSS/LESS/SASS, Groovy, SQL

Other: AngularJS, Vue.js, Webpack, Gnuplot, Subversion

Experience

QA Engineer at Fugue

Jul 2015 – Jan 2019

The QA team was in charge of designing and implementing a test harness for Fugue (which was a platform for defining, creating, and monitoring infrastructure in AWS and Azure). I created much of this system, as well as a variety of general-purpose internal tooling.

- Helped to design, create, and maintain an end-to-end test harness for Fugue (mostly Python, Bash, and Fugue’s functional language Ludwig)
- Wrote an internal tool for clearing AWS accounts (Python)
- Designed and implemented a system for creating test VM’s in AWS (Ansible and Packer)
- Created an Azure VM tool using Azure Resource Manager templates (Go)
- Created and maintained many continuous-integration builds in Travis and Concourse
- Devised a literate-programming approach for documenting tests using org-mode (Emacs, Bash)
- Created and maintained a general-purpose tool for important internal tasks, which drastically simplified everybody’s life (Python)

AWS Azure Python Bash Clojure Go Ansible Packer

Web Developer at Wells Fargo

Feb 2015 – Jul 2015

Member of a small team creating an internal auditing and task-tracking application.

Java Spring Hibernate YUI Javascript

Mainly focused on two business ventures:

- Partnered with a small team of entrepreneurs creating an application for pairing high-level executives with new opportunities.
- Worked with a medical clinic to create a multi-user web application that maintained an audit trail of communications between doctors, patients, nurses, and call centers.

MEAN stack

docker

Java 8

Scala

MySQL

Bash

L^AT_EX

Consultant at Red Hat

Aug 2011 – May 2014

◦ GEICO

Aug 2012 – May 2014

Maintained various web services and site features. Also helped to create an internal error-tracking application using Grails and AngularJS.

Java 6

JBoss

jBPM

Hibernate

MyBatis

Grails

AngularJS

◦ Cigna

Nov 2011 – July 2012

Member of a two-person team helping to use a rules engine to deduce customer information for an internal application.

Java 6

JBoss Drools

◦ Kohl's

Aug 2011 – Nov 2011

Sole developer in charge of porting functionality from the main website to a website for kiosk machines. Also implemented new UI features as requested by a UI requirements team.

Java 4

JSP

Education

UNIVERSITY OF VIRGINIA, School of Engineering and Applied Science, Charlottesville, VA
B.S. in Computer Science, May 2011

- | | | |
|-----------------------------------|-------------------------|-------------------------|
| ◦ <i>Math</i> : Calculus II, III, | ◦ Computer Networks | ◦ Theory of Computation |
| Discrete Math, Differential | ◦ Operating Systems | ◦ Algorithms |
| Equations, Probability, | ◦ Digital Logic Design | ◦ Computer Vision |
| Linear Algebra | ◦ Computer Architecture | |

Outside of Work

I enjoy family time, quiet time, reading, learning. and doing CrossFit or any kind of sports.

- At UVA I ran varsity Cross Country, Track & Field; I try to moderately keep up with running.
- I designed, created, and maintain <http://lenaclarklegal.com> for my wife's legal practice (deployed on AWS)