

# 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.

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## Skills

### Most Recent and Familiar

Cloud Stuff: AWS, Azure, Terraform

Languages: Python, Bash, Clojure, Javascript/node.js, Go

Other: Git, Docker, Packer, Ansible

### Worked with in the Past

Languages: Java (and Spring, Hibernate, JBoss, etc.), Rust,  $\text{\LaTeX}$ , C, C++, MATLAB/Octave, CSS/LESS/SASS, Groovy, SQL

Other: Various web frameworks (angularJS, vue.js, react), Gnuplot, Subversion

## Experience

### QA Engineer at Fugue

Aug 2015 – Jan 2019

Developed a test harness and internal tooling using Python, Go, AWS, and Azure. Some examples:

- Helped to design, create, and maintain an end-to-end test harness for Fugue
- Wrote an internal tool in Python to delete everything in an AWS account
- System for creating VM images using Ansible and Packer
- Azure VM tool in Go using Azure Resource Manager templates
- Travis and concourse stuff
- qatool

### Web Developer at Wells Fargo

Feb 2015 – Aug 2015

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

Technologies: Java, Spring, Hibernate, YUI, Javascript

### Startup Entrepreneur

May 2014 – Aug 2015

- *CXOzone*: Partnered with a small team of entrepreneurs to create a web application pairing high-level executives with new opportunities. See <http://cxo.zone>.
- *CarrotMD*: Multi-user web application which maintains an audit trail of communications between doctors, patients, nurses, and call centers. Built for small medical clinics. More info upon request.

Technologies: node.js, express, AngularJS, SailsJS, Docker, MongoDB, Java 8, Spring, Hibernate, MySQL, bash,  $\text{\LaTeX}$

- *Web Development at GEICO* *Aug 2012 – May 2014*  
 Maintained RESTful web services ultimately consumed by mobile devices. Also helped to develop an internal metrics-tracking and error-tracking application using Grails and AngularJS.  
 Technologies: Java 6, Spring MVC, JBoss AS, JAXB, jBPM, XForms, Hibernate, MyBatis, Grails, AngularJS
- *Web Development at Cigna* *Nov 2011 – July 2012*  
 Member of a two-person team working on an internal application for viewing customer information. Also introduced and presented programming best practices to other software developers.  
 Technologies: Java 6, JBoss Drools, Spring Framework, iBATIS
- *Web Development at Kohl's* *Aug 2011 – Nov 2011*  
 Sole developer in charge of porting functionality from the desktop website to a website running on kiosk machines. Implemented new UI features as requested by a UI requirements team.  
 Technologies: Java 4, Starteam, IntelliJ, JSP

## Education

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

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

## Outside of Work?

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

- I designed, created, and maintain <http://lenaclarklegal.com> for my wife's legal practice (deployed on AWS)
- UVA Varsity Cross Country, Track & Field