

\$ whoami

My career interests are in creating and improving **Open Source solutions** to common problems, **presenting talks** on interesting topics, and **automating** the boring stuff with *security* and *efficiency* in mind. I love talking about:

Server-side Dev: Linux (Debian, Ubuntu, RedHat, Fedora, Amazon), Python, Django, Golang, Rust, Ruby, NodeJS
DevOps: Kubernetes, Terraform, Chef, Ansible, Docker, AWS, Azure, GCP, Digital Ocean, Git & GitHub
Open Source: Publish general purpose tools, improve existing code-bases, document upstream projects.
Leadership: Linux Users Group president, taught DevOps BootCamp, ScaLE conference speaker.

\$ jobs

- CloudBolt Software** (Portland, OR) **Software Engineer** 04/2019 - Present
- **Python.** Develop integrations with cloud APIs, managed services, and CLI tooling.
 - **Django.** Contribute to legacy and green-field (new) Django + Django Rest Framework-based products.
 - **Tooling.** Maintained and improved internal tooling, CICD pipelines, and customer-facing software packages.
- Nordstrom Technology** (Seattle, WA) **Linux DevOps (Engineer 2)** 06/2017 - 08/2017, 02/2018 - 04/2019
- **CI-CD.** Lead OS image building pipeline project; huge reduction of tech-debt, launched w/in 3 months of kickoff.
 - **DevOps.** Written and maintained Chef cookbooks for Linux software; contributed to Open Source cookbooks.
 - **Monitoring.** Evaluated monitoring solutions; migrated existing monitoring/alerting to Prometheus and DataDog.
- CoreOS** (San Francisco, CA/Remote) **Documentarian** 09/2016 - 05/2017
- **Community support.** Helped users in Slack and IRC, answering beginner to intermediate questions.
 - **Open source docs.** Reviewed, tested, and contributed to public facing developer-focused docs.
- Oregon State University Open Source Lab** (Corvallis, OR) **Software Developer** 05/2014 - 09/2016
- **Efficiency.** Decreased time-to-deployment by integrating Docker into the testing/development workflow.
 - **Mentorship.** Taught new developers fundamental “real-world” work skills like git and framework use.
 - **Development.** Helped design and implement TimeSync, a time-tracking API for work logging.

\$ history

- BSCS - Oregon State University** (Corvallis, OR) **Undergraduate (GPA 3.53)** 09/2013 - 12/2017
- **Major: Computer Science.** Coursework included Operating Systems I/II, Software Engineering I/II, Defense Against the Dark Arts, Programming Languages, Data Structures, Databases, Web Development, and three term a Capstone Project with the Apache Software Foundation.
 - **Minor: Mathematics & Security.** Coursework included Cryptography I, Linear Algebra, Numerical Analysis, Computational Number Theory, and a self guided course on Advanced Topics of Cryptography.

\$ more

- OSU Linux Users Group** **President** 09/2014 - 09/2017
- **Scheduled speakers.** Coordinated industry professionals and Alumni from IBM, Nordstrom, CoreOS, Mozilla, and Google to speak, recruit, and eat pizza at weekly meetings.
 - **Planned weekly meetings.** Recruited members to present on OpenSource/Libre Software topics.
 - **URL.** <https://lug.oregonstate.edu>
- Southern Annual Linux Expo** (Los Angeles, CA) **Speaker** 03/2018
- **Presented.** Presented “Crypto: Practical Math”, a talk about concepts in advanced Cryptography without the tedious math that usually comes with it.
 - **URL.** <https://youtu.be/ddeV3pESy3Y?t=2h10m4s>
- DevOps BootCamp** **Educator** 09/2014 - 06/2015
- **Lectured.** Co-presented weekly topics for students and mentored those who struggled with the material.
 - **Designed curriculum.** Improved curriculum based on student feedback to support online students.
 - **URL.** <https://devopsbootcamp.osuosl.org>
- elijahcaine.me** **Administrator** 05/2014 - Present
- **Management.** Configure, deploy, and manage applications on my personal domain using Kubernetes, Google Cloud Platform, DigitalOcean, Docker, LetsEncrypt, and NGINX. e.g., <https://elijahcaine.me>