

Elijah Caine M. Voigt

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\$ 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 (CoreOS, Debian & Ubuntu, RedHat & Centos), Python, Golang, Rust, Ruby, NodeJS
DevOps: Kubernetes, Terraform, Chef, Ansible, Inspec, Docker, AWS, DigitalOcean, Git & GitHub
Open Source: Published general purpose tools, improve existing code-bases, document upstream projects.
Leadership: Linux Users Group president, taught DevOps BootCamp, SCaLE conference speaker.

\$ jobs

Nordstrom Tech (Current Job) (Seattle, WA) **Linux DevOps (Engineer 2)** 06/2017 - 08/2017, 02/2018 - Present

- **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.

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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>