

E. Dunham

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Remote, Oregon, USA • Résumé current as of August 27, 2024

Skills

Community	Slack, Discord, IRC collaboration & administration. Git & GitHub.
Advocacy	Presentations at edunham.net/pages/talks.html
Infrastructure	Terraform, K8s, Docker. AWS, GCP, Azure. Chef, Ansible, Puppet.
Automation	Python, Bash, Rust, yaml. TravisCI, Jenkins, GitHub Actions

Employment

- Okta, *Senior Developer Advocate*** 09/2021 - present
Present workshops, webinars, panels, podcasts, etc. Extensive cross-team collaboration.
Educate developers and integration builders on automation, identity protocols, integration network.
Represent organization at events; assist with organizing events.
Mentor colleagues within team and across organization in technical and soft skills.
Interview candidates and assist with hiring.
- PagerDuty, *Senior Site Reliability Engineer*** 06/2020 - 08/2021
Python, Chef, AWS, Terraform. Supported and improved essential internal services.
Coordinated deployment of Delivery team's infrastructure services to new service region.
Maintainer and on-call for critical CI/CD services. Facilitated incident response process within team.
Mentored junior team members and assisted with hiring.
- Mozilla, *Operations Engineer*** 08/2018 - 05/2020
Primary ops engineer in refactor and migration of Taskcluster build system from AWS to GCP.
Designed and deployed development and production environments for multiple services
- Mozilla Research, *DevOps Engineer & Rust Evangelist*** 05/2015 - 08/2018
Improved hosting and continuous integration infrastructure for teams including Rust, Servo, & VR.
Maintained BuildBot deployment on Linux, Windows, and OS X hosts (physical and AWS servers).
Deployed security best practices, including migrating 2 teams to 1password.
Presented over 20 talks on Rust and Servo, including RustFest Kyiv closing keynote.
- Urban Airship, *Operations Team Intern*** 06/2014 - 09/2014
Migrated services using Chef and Jenkins to facilitate datacenter move.
Led interdisciplinary Hack Week team to develop Flask frontend to internal LDAP API.
Audited and improved documentation for over 30 internal Java, Go, and Python services.
- OSU Open Source Lab, *Student Systems Administrator*** 12/2012 - 06/2014
Solved hardware and software problems for over 100 hosted projects.

Community

- PDX Rust Users Group, *Organizer*** 2015 - 2017
Organized monthly meetups, communicated users' feedback to Rust core team.
- Rust Community Team, *Volunteer*** 2016 - 2018
Represented Rust project at events. Produced & distributed stickers, plushies, training resources.
- OSU DevOps Bootcamp, *Founder*** 2013 - 2015
Designed and implemented comprehensive systems engineering curriculum.
Distributed Apache 2.0 licensed curriculum (devopsbootcamp.osuosl.org)
- OSU Linux Users Group, *President*** 2012 - 2014
Organized weekly meetings, mentored students in FOSS involvement

Academics

- Oregon State University** 2010-2015
Upper-division coursework in Computer Science including Operating Systems,
Software Engineering, Analysis of Algorithms, Cryptography, and Applied Robotics.