

E. Dunham

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Portland, Oregon & Remote • Résumé current as of August 10, 2021

Skills

Systems Administration	Terraform, K8s, Docker, AWS, GCP, TravisCI, Ansible, Puppet
Development	Python, Bash, Rust, HTML/CSS/Javascript
Community	Teaching, public speaking, event planning, curriculum design
Collaboration	IRC/Slack, Git & GitHub, Sphinx, Pandoc, Jira/RT/Bugzilla

Employment

PagerDuty, <i>Senior Site Reliability Engineer</i>	06/2020 - present
Python, Chef, AWS, Terraform. Support and improve essential internal services.	
Mozilla, <i>Operations Engineer</i>	08/2018 - 05/2020
Primary ops engineer in refactor and migration of Taskcluster build system from developer ownership to Cloud Operations team. Collaborated with multiple teams to improve service architecture, standardize on Terraform and Kubernetes workflow for GCP, improve monitoring and reliability. Migrate Amazon Web Services hosted infrastructure to Google Cloud Platform	
On-call to directly support service developers	
Design and deploy development and production environments for multiple services	
Mozilla Research, <i>DevOps Engineer & Rust Evangelist</i>	05/2015 - 08/2018
Improved hosting and continuous integration infrastructure for teams including Rust, Servo, & VR. Configured systems using SaltStack, Ansible, Docker, Terraform.	
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, <i>Operations Team Intern</i>	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, <i>Student Systems Administrator</i>	12/2012 - 06/2014
Solved hardware and software problems for over 100 hosted projects.	
Intel, <i>Software Enabling Group USB3 Team Intern</i>	06/2012 - 09/2012
Collaborated using agile development with scrum methodology.	
Prototyped solution to double Android USB3 throughput with Java, C, C++ .	

Community

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