

E. Dunham

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Portland, Oregon & Remote • Résumé current as of November 26, 2018

Skills

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|-------------------------------|--|
| Systems Administration | Terraform, Docker, AWS, GCP, SaltStack, TravisCI |
| 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

- Mozilla, *Operations Engineer*** 08/2018 - present
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, *DevOps Engineer*** 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).
Administered multiple GitHub organizations and collaborated with AppVeyor and TravisCI.
Mentored new contributors and represented Rust and Servo projects at conferences.
Deployed security best practices, including migrating 2 teams to 1password.
- 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.
- Intel, *Software Enabling Group USB3 Team Intern*** 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, *Organizer*** 2015 - 2017
Organized monthly meetings, 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.