

# E. Dunham

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Portland, Oregon & Remote • Résumé current as of July 23, 2018

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## Skills

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|-------------------------------|--|
| <b>Systems Administration</b> | SaltStack, TravisCI, Ansible, BuildBot, Apache, DNS, LDAP, SSH |
| <b>Development</b>            | Python, Bash, Rust, HTML/CSS/Javascript                        |
| <b>Community</b>              | Teaching, public speaking, event planning, curriculum design   |
| <b>Collaboration</b>          | IRC/Slack, Git & GitHub, Sphinx, Pandoc, Jira/RT/Bugzilla      |

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## Employment

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|---|-------------------|
| <b>Mozilla Research, <i>DevOps Engineer</i></b> .....   | 05/2015 - present |
| 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 switching multiple teams to 1password.                 |                   |
| <b>Urban Airship, <i>Operations Team Intern</i></b> .....   | 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.            |                   |
| <b>OSU Open Source Lab, <i>Student Systems Administrator</i></b> .....                            | 12/2012 - 06/2014 |
| Solved hardware and software problems for over 100 hosted projects.                               |                   |
| <b>Intel, <i>Software Enabling Group USB3 Team Intern</i></b> .....                               | 06/2012 - 09/2012 |
| Collaborated using agile development with scrum methodology/                                      |                   |
| Prototyped solution to double Android USB3 throughput with Java, C, C++ .                         |                   |

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## Community

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

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## Academics

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

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## Recent Speaking Engagements

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| <b>Linux.conf.au</b>   | 01/2018 | "Should you rewrite in Rust?"                |
| <b>GitHub Universe</b>   | 10/2017 | "Building a better browser engine on GitHub" |
| <b>RustFest Kyiv</b>   | 04/2017 | Keynote lecture, "Spreading Rust"            |
| ...and more at <a href="https://edunham.net/pages/talks.html">https://edunham.net/pages/talks.html</a> |         |  |