

# Emily Dunham

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or email me for other contact info

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## Skills

<b>Development</b>	Python, C/ C++ , HTML/CSS/Javascript, Django, Flask
<b>Systems Administration</b>	Chef, Puppet, Apache, Mailman, DNS, LDAP, Jenkins
<b>Open-Source Workflow</b>	IRC, Git, SSH/SFTP, Documentation (.mkd, .rst, Sphinx)
<b>Robotics</b>	Mechanical design, 3D modeling, prototyping, OpenCV, Arduino
<b>Leadership</b>	Teaching, public speaking, event planning, curriculum design

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## Education

<b>Oregon State University, <i>Bachelor of Science, Computer Science</i></b>	06/2015
Cumulative GPA 3.24	

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## Employment

<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
Deployed and maintained physical servers and Linux VMs	
Solved hardware and software problems for users from over 100 hosted projects	
<b>Intel, <i>Software Enabling Group USB3 Team Intern</i></b>	06/2012 – 09/2012
Debugged Android system throughput on mobile devices (Java, C, C++ )	
Participated in agile development with Scrum methodology	
Prototyped solution to double throughput speed in specific use cases	
<b>OSU Open Source Lab, <i>Student Software Developer</i></b>	04/2011 – 06/2012
Wrote and debugged Python, Django, JavaScript, CSS, HTML	

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## Extracurriculars

<b>OSU DevOps Bootcamp, <i>Founder</i></b>	2013 – 2015
Designed and implemented comprehensive systems engineering curriculum	
Distributed Apache 2.0 licensed curriculum and recorded lectures	
See the curriculum at devopsbootcamp.osuosl.org	
<b>OSU Linux Users Group, <i>President</i></b>	2012 – 2014
Organized weekly meetings, mentored students in FOSS involvement	
<b>OSU EECS, <i>Peer Leader, Peer Adviser, and Teaching Assistant</i></b>	2011 – 2012
Taught C++ programming skills, instructed 30-person labs, graded assignments	

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## Speaking

<b>Southern California Linux Expo (SCALE)</b>	02/2015
“Human Hacking”	
<b>Seattle GNU/Linux Conference</b>	10/2014
“Human Hacking”, “Intermediate IRC”, and “Thinking in Git”	
<b>O'Reilly OSCON</b>	07/2014
“DevOps for University Students”	
<b>Portland State University Association for Computing Machinery</b>	05/2014
“Git Workshop”	
<b>LinuxFest Northwest</b>	04/2014
“Teaching DevOps to University Students”	