

Emily Dunham

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or email me for other contact info

Skills

Development	Python, C/ C++ , HTML/CSS/Javascript, Django, Flask
Systems Administration	Chef, Puppet, Jenkins, Apache, Mailman, DNS, LDAP, SSH
Collaboration	IRC, Git & GitHub, Documentation (.mkd, .rst, Sphinx), Redmine/Jira/RT
Robotics	Mechanical design & prototyping, 3D modeling, OpenCV, Arduino
Leadership	Teaching, public speaking, event planning, curriculum design

Education

Oregon State University, <i>Bachelor of Science, Computer Science</i>	06/2015
Cumulative GPA 3.24	
Senior Capstone Project: Heka plugin for predictive analytics on time-series data	

Employment

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
Deployed and maintained physical servers and Linux VMs	
Solved hardware and software problems for users from over 100 hosted projects	
Intel, <i>Software Enabling Group USB3 Team Intern</i>	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	
OSU Open Source Lab, <i>Student Software Developer</i>	04/2011 - 06/2012
Wrote and debugged Python, Django, JavaScript, CSS, HTML	

Extracurriculars

OSU DevOps Bootcamp, <i>Founder</i>	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	
OSU Linux Users Group, <i>President</i>	2012 - 2014
Organized weekly meetings, mentored students in FOSS involvement	
OSU EECS, <i>Peer Leader, Peer Adviser, and Teaching Assistant</i>	2011 - 2012
Taught C++ programming skills, instructed 30-person labs, graded assignments	

Speaking

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