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, Apache, Mailman, DNS, LDAP, Jenkins
Open-Source Workflow	IRC, Git, SSH/SFTP, Documentation (.mkd, .rst, Sphinx)
Robotics	Mechanical design, 3D modeling, prototyping, OpenCV, Arduino
Leadership	Teaching, public speaking, event planning, curriculum design

Education

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

Employment

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
Deployed and maintained physical servers and Linux VMs
Solved hardware and software problems for users from over 100 hosted projects

Intel, *Software Enabling Group USB3 Team Intern* 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, *Student Software Developer* 04/2011 – 06/2012
Wrote and debugged Python, Django, JavaScript, CSS, HTML

Extracurriculars

OSU DevOps Bootcamp, *Founder* 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, *President* 2012 – 2014
Organized weekly meetings, mentored students in FOSS involvement

OSU EECS, *Peer Leader, Peer Adviser, and Teaching Assistant* 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"