Emily Dunham

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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

    Assisted users from over 100 hosted projects with hardware and software

Intel Corporation, 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

    Implemented features, assisted users, and improved documentation

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Education:

- Bachelor of Science, Computer Science, Oregon State University
- Cumulative GPA 3.24, anticipated graduation June 2015

Extracurriculars:

Founder of OSU DevOps Bootcamp (devopsbootcamp.osuosl.org) 08/2013 - present

    Designed and implemented comprehensive systems engineering curriculum

    Distributed Apache 2.0 licensed curriculum and recorded lectures

President of Oregon State University Linux Users Group   2012 - 2014

    Organized weekly meetings, mentored students in FOSS involvement

Peer Leader, Peer Adviser, and Teaching Assistant for OSU EECS   2011 - 2012

    Taught C++ programming skills, instructed 30-person labs, graded assignments

Vice President of Oregon State University Robotics Club   2011 - 2012

    Taught C programming, debugging, soldering, and electronics assembly skills

Philomath High Robotics Engineering Division   2006-2010, Team Captain 2008

    Programmed autonomous robots in C, prototyped and implemented mechanical systems