Emily Dunham

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Employment:

OSU Open Source Lab, Student Systems Administrator   December 2012 to present

Deployed and maintained physical servers and Linux VMs

Assisted users with hardware and software upgrades

Intel Corporation, SEG SW USB3 Team Intern   June to September 2012

Troubleshot 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   April 2011 to June 2012

Wrote and debugged Python, Django, JavaScript, CSS, HTML

Implemented features, assisted users, improved documentation

Education:

- Senior majoring in Computer Science, Oregon State University Honors College
- Cumulative GPA 3.24
- Anticipated graduation: June 2015

Extracurriculars:

Founder of OSU DevOps Bootcamp   August 2013 - present

Designed and implemented comprehensive systems engineering curriculum

See devopsbootcamp.osuosl.org

President of Oregon State University Linux Users Group   2012-present

Promoted Open Source and recruited club members

Helped new users install Linux, create and sign GPG keys, etc.

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 programmingdebugging, soldering, and electronics assembly skills

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

Coordinated robot design, fundraising, and team marketing

Programmed autonomous robots in C, prototyped and implemented pneumatic and mechanical systems