

Emily Dunham

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Academics

- Junior majoring in Computer Science, Oregon State University Honors College
 - Cumulative GPA 3.14
 - Anticipated graduation: June 2014
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Skills

Programming:

- Linux systems and network administration
- Android kernel and application development and debugging (Java, C, C++)
- Web development with Python, Django, CSS, and HTML
- Bash, Vim, Git

Leadership:

Peer Leader, Peer Adviser, and Teaching Assistant for OSU EECS

Teaching programming skills, leading labs, grading assignments
Helping students develop academic plans and work toward career goals

Vice President of Oregon State University Robotics Club

Teaching C programming and debugging skills
Organizing seminars from businesses

Vice President of Oregon State University Linux Users Group

Promoting Open Source and recruiting club members
Helping new users create and sign GPG keys, set up IRC, resolve problems

Experience

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

Deploy and maintain physical servers and VMs
Assist users with hardware and software upgrades

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

Troubleshooting system throughput on mobile devices
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

Ganeti Web Manager Project: Interface managing user access to virtual machines
Coding in Python, Django, JavaScript, CSS, HTML
Adding features, debugging, assisting users, improving documentation