

Emily Dunham

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projects at github.com/edunham • *or email me for other contact info*

Experience:

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

Deploy and maintain physical servers and Linux VMs

Assist users with hardware and software upgrades

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

Troubleshoot Android system throughput on mobile devices (Java, C, C++)

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

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

Implemented features, assisted users, improved documentation

Leadership:

Founder of OSU DevOps Bootcamp

Designed and implemented comprehensive systems engineering curriculum

See devopsbootcamp.osuosl.org

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

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

Academics:

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