

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

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

Implemented features, assisted users, improved documentation

Leadership:

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

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 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

Academics:

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