Emily Dunham

email: dunhame@onid.orst.edu • irc: edunham on irc.freenode.net
projects at github.com/edunham • *or email me for other contact info*

Experience:

OSU Open Source Lab, 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

---

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

    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

---

Academics:

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