

# Emily Dunham

school: dunhame@onid.orst.edu • work: edunham@osuosl.org  
irc: edunham on irc.freenode.net

---

## Skills

### Programming:

- 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

---

## Academics

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