

# Austin Small

(650) 288-5990  
asmalldev@gmail.com  
<http://asmalldev.me>

## Education

**BOSTON UNIVERSITY**, Boston, MA  
**B.A. Computer Science**, Expected May 2017

### Related Courses

Advanced Software Systems	Operating Systems	Software Engineering
Computer Systems	Network Security	Fundamentals of Comp. Systems

## Computer Skills

### Languages

C  
Python  
Java  
shell script (BASH)  
Javascript  
HTML & CSS

### Software and Tools

git version control  
gdb (GNU debugger)  
KVM&QEMU (virtualization)  
Jenkins CI  
NGINX  
MongoDB & MySQL

### Operating Systems

GNU/Linux  
Unix

## Related Experience

**PUMPKIN SPACE SYSTEMS**, San Francisco, CA

**Remote Engineer** (November 2015 to present)

- Created a custom Linux build (bootloader, kernel, and rootfs) for use on the BeagleBone Black single board computer (used as a satellite flight computer for some company projects)
- Created a convenient build-automation system for custom Linux distribution (shell scripts and Jenkins)
- Managed continuous integration for company software projects using Jenkins

**PUMPKIN SPACE SYSTEMS**, San Francisco, CA

**DevOps Intern** (Summer 2015)

- Worked in an agile environment to help develop telemetry-gathering software for company satellites (written in C and Python)
- Customized and configured the Debian-based Linux distribution being used on the BeagleBone Black flight computer to better suit project needs (kernel, kernel modules, services, userspace software)
- System administration and computer networking (router, AP, and bridge configuration)

**ORBITAL INSIGHT INC**, Palo Alto, CA

**Intern** (Summer 2014)

- Manually evaluated and processed initial data during development of company's geanalytics pipeline
- Helped determine availability and viability of new data sources to be used in the analytics pipeline

## Other Experience

**BOSTON UNIVERSITY**, Boston, MA

**Resident Assistant** (November 2015 to present)

- Organized community events and conducted administrative tasks for 40 undergraduate residents
- Participated in an on-call rotation to assist undergraduate residents living on campus

## Natural Languages

Proficient in Spanish, conversant in Arabic