

# 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  
Computer Systems

Operating Systems  
Network Security

Software Engineering  
Fundamentals of Comp. Systems

## Computer Skills

### Languages

C  
Python  
Java  
shell script (BASH)  
x86 assembly  
HTML & CSS

### Software and Tools

git version control  
gcc & gdb  
make (Makefile)  
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)
- Constructed 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 develop telemetry 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
- Assessed possible new data sources for the analytics pipeline; reported to VP of business development

## Additional Experience

**BOSTON UNIVERSITY**, Boston, MA

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

- Organize community events and conduct administrative tasks for 40 undergraduate residents
- Participate in an on-call rotation to assist undergraduate residents living on campus

## Languages

Proficient in Spanish, conversant in Arabic