

# Robert Skelton

---



robertjskelton@gmail.com

## SKILLS

- **Github:** [github.com/robertjskelton](https://github.com/robertjskelton)
- **Website:** [robertjskelton.com](http://robertjskelton.com)
- Operating systems knowledge includes installing and maintaining: Mac OS X, Windows XP, Vista, 7, 8 and many Linux distributions
- VirtualBox, VMware, Xen, Bash, Zsh, Microsoft Office, Vim, Sublime, Git
- Android knowledge: rooting, installing custom ROMs and bootloaders, backups
- Building computers, troubleshooting and replacing hardware components
- Java, C, C++, Javascript, PHP, phpMyAdmin, MySQL, HTML, CSS, and WordPress
- Electrical Engineering knowledge, including VHDL, SPICE Software: Multisim and PSpice

## EDUCATION

### **Auburn University**

*Bachelor of Electrical Engineering, Computer Engineering Option*

Auburn, AL

August 2010 - May 2015 Graduation

- **GPA:** 3.38 / 4.00      **Major GPA:** 3.42 / 4.00
- 138 Hours Complete, Senior Classification

## EXPERIENCE

### **Oak Ridge National Laboratory**

*Cyber and Information Security Research Intern*

Oak Ridge, TN

Summer 2014

- Developed process for creating Cyber Range (computer and network environment in which malware can be safely tested) using XenServer hypervisor with multiple virtual machines and virtual and physical networking.

### **VT Miltope**

*Test Engineering Co-op*

Hope Hull, AL

August 2011- May 2013, three semesters

- Established understanding of the manufacturing process and business tactics.
- Tested, changed, and troubleshot many computer components, including motherboards, displays, keyboards, RAM, bezels, power supplies, I/O ports, and disc drives.

### **Duck River Utility Commission**

*Maintenance*

Tallahoma, TN

2008 - 2010, Summers only

- Cleaned, mowed grass, moved equipment, and maintained water filtration machines.

## PROJECTS

- Modified Epiphone Valve Jr Guitar Amp for ELEC4980 (2013) **Project Blog:** [robertsvalvejrmods.blogspot.com](http://robertsvalvejrmods.blogspot.com)
- Best Serving Alabama Award in America's Datafest Hackathon at Auburn University for Simulated Hurricane Migration Visualization website (2013)
- 3<sup>rd</sup> Place in America's Datafest Hackathon at Auburn University for Smart Traffic Grid (2015)

## ACHIEVEMENTS AND INVOLVEMENTS

- Auburn University Linux Club, Founder/President (2013-2015)
- Auburn University IEEE Student Chapter, Director of Communications (2013-2015), Member (2010-2015)
- Eta Kappa Nu Electrical Engineering Honor Society, Webmaster (2013-2015), Member (2013-2015)
- Global Urban Datafest Hackathon Local Organizer for Auburn, AL (2015)
- Auburn University Capture the Flag Team, Member and Presenter (2014)
- Auburn University Presidential Scholarship (2010-2014)
- TVA Power Distributors Scholarship (2010)
- Auburn University Dean's List