

Robert Skelton



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TECHNICAL SKILLS

- **Github:** github.com/robertjskelton
- 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, CVS
- 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

Auburn, AL

Bachelor of Electrical Engineering, Computer Engineering Option

May 2015

- GPA: 3.38 / 4.00 Major GPA: 3.42 / 4.00
- Auburn University Presidential Scholarship (2010 – 2015)
- TVA Power Distributors Scholarship (2010)
- Electrical and Computer Engineering Faculty Annual Scholarship (2010 – 2015)
- Auburn University Dean's List

EXPERIENCE

Oak Ridge National Laboratory

Oak Ridge, TN

Cyber and Information Security Research Intern

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

Hope Hull, AL

Test Engineering Co-op

August 2011- May 2013, three semesters

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

Duck River Utility Commission

Tullahoma, TN

Maintenance

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
- Best Serving Alabama Award in America's Datafest Hackathon at Auburn University for Simulated Hurricane Migration Visualization website (2013)
- 3rd Place in America's Datafest Hackathon at Auburn University for Smart Traffic Grid (2015)

INVOLVEMENT

- 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)