

Michael Wright

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Objective

To push the envelope of technology by working on the most important platform yet, mobile.

Education

2008-2012 (expected) **Computer Science & Mathematics, North Carolina State University, Raleigh, NC, Overall GPA: 3.974.**
CSC & MA Majors GPA: 4.0

Computer Skills

Languages: Python, Java, Ruby, JavaScript, C
Software: Git, Subversion, Apache, MySQL, Chef, \LaTeX , Xen
Operating Systems: Linux (Primarily Debian-based distributions), OS X, Windows

Experience

Summer 2011 **Technical Solutions Engineering Intern, Google, Mountain View, CA.**
○ Extracted ChimpChat, a Java library for interfacing with the Monkey testing tool, from the MonkeyRunner tool.
○ Added view introspection functionality to Monkey, ChimpChat and MonkeyRunner.
○ Refactored the Android Partner Frontend device display page to utilize a different backend service and added pagination to it and the search results page.
○ Worked on an SFTP server backed by Google technologies and infrastructure, improving read performance by 4x and implementing proper access control.

May 2010 – January 2011 **Research Professional, Dr. Jiang, NCSU, Raleigh, NC.**
○ Developed a framework to interpose advertisement's interaction with webpages.
○ Gave presentations on papers and research proposals to the Systems Security group.

2008–2010 **Jr. Developer/IT Intern, Futures, Inc., Durham, NC.**
○ Aided in the design, and provided the implementation and support of a large scale (10,000+ initial users), Xen-virtualized server environment housing a rich internet web application.
○ Developed a custom continuous integration server that interfaced with our git repositories.

Summer 2007 **Network Cabling Apprentice, Trident Technology Solutions, Raleigh, NC.**
○ Built server racks, mounted cable trays, and ran network cables within newly built data centers.

Extra

- Contributor to open source projects - see <https://github.com/mdwrigh2>
- Vice President of the NCSU Linux User Group
- Google Student Ambassador
- Top 50 in the world in the IEEEExtreme Programming Competition 2010
- 2nd on-site, 16th for the region at ACM ICPC 2010
- Volunteer for CarolinaCon, a regional technology conference, from 2005 - 2007