

# Michael Wright

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## 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, L<sup>A</sup>T<sub>E</sub>X, 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/mdwright2>
- Vice President of the NCSU Linux User Group
- Google Student Ambassador
- Volunteer for CarolinaCon, a regional technology conference, from 2005 - 2007