Michael Wright

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Objective

To further myself as a computer scientist and programmer by participating in the architecture and development of interesting software projects and research.

Education

2008-2012 (expected)	**Computer Science & Mathematics, NCSU**, *Raleigh, NC*, Overall GPA: 3.974. CSC & MA Majors GPA: 4.0
Relevant Courses:	Operating Systems, Data Structures, Computer Algebra (Graduate), Compilers (Graduate)

Computer Skills

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

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 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

- Vice President of the NCSU Linux User Group
- Google Student Ambassador
- Contributor to open source projects - see http://github.com/mdwrigh2
- Volunteer for CarolinaCon, a regional technology conference from 2005 - 2007