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# Michael Wright

## 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 **Computer Science & Mathematics, NCSU, Raleigh, NC**, 3.994 Overall GPA.  
(expected) CSC & MA Majors GPA: 4.0

Relevant Courses: Operating Systems, Data Structures and Algorithms, Computer Algebra

## Computer Skills

Languages: Ruby, C, Python, Java

Software: Git, Subversion, Apache, MySQL, Capistrano, Mongrel, Monit, Chef, L<sup>A</sup>T<sub>E</sub>X

Operating Systems: Linux (Primarily Debian-based distrobutions), OS X, Windows, Xen, VMWare Server ESXi

Development Styles: Experienced in both waterfall and agile development methodologies

## Experience

2010–Current **Research Assistant, Dr. Jiang, NCSU, Raleigh, NC.**

- Developed a framework to interpose advertisements 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.
- Gained software development experience via the completion of individual projects.
- Aided in the transfer from rented hardware running Xen instances, to Engine Yard's Amazon EC2-based cloud computing service.

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

- Volunteer for CarolinaCon, a regional technology conference from 2005 - 2007
- Dean's List every semester
- Active Member of the NCSU Linux User Group
- Contributor to open source projects - see <http://github.com/mdwright2>