

Michael D. 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	<i>Bachelor of Science</i> , North Carolina State University, Raleigh, NC, expected May 2012 Concentration: Computer Science and Mathematics GPA: 3.994 CSC GPA: 4.0 MA GPA: 4.0	
Relevant Courses	Operating Systems Data Structures and Algorithms C and Software Tools Software Engineering	
Computer Skills	<i>Languages:</i> Ruby, C, Python, Java <i>Software:</i> Git, Subversion, Apache, Passenger, MySQL, Capistrano, Mongrel, Monit, Chef, L ^A T _E X <i>Operating Systems:</i> Windows, Windows Server (previous experience with Small Business Server 2003), OS X, Linux (Primarily Debian-based distributions), Xen, VMWare Server ESXi. <i>Development Styles:</i> Experienced in both waterfall and agile development methodologies.	
Experience	<i>Research Assistant</i>	Summer 2010 - Current
	North Carolina State University With Dr. Jiang and the Systems Security Group	
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	<i>Junior Developer/IT Intern</i>	Summer 2008 - Spring 2010
	Futures Inc., Durham, NC	
	<ul style="list-style-type: none">• 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.• Solely responsible for office network hardware, installation and support.• Continually assessed the needs of the rapidly growing organization in order to ensure high availability and reliability.• 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.	
	<i>Network Cabling Apprentice</i>	Summer 2007
	Trident Technology Solutions	
	<ul style="list-style-type: none">• Built server racks, mounted cable trays, and ran cables within newly built data centers.	
Honors	Volunteer for CarolinaCon, a regional technology conference from 2005 - 2007 Dean's List all semesters Active Member of the NCSU Linux User Group Contributor to open source projects - see http://github.com/mdwright2	