

Andrew Wang

CONTACT INFORMATION	Current Address 4 Holmes, Charlottesville, VA 22904 Permanent Address 5835 Governors Hill Dr, Alexandria, VA 22310	phone: +1 703 791 9133 e-mail: andrew@umbrant.com website: http://umbrant.com
EDUCATION	University of Virginia , Charlottesville, Virginia <i>Bachelor of Science in Computer Science</i> <ul style="list-style-type: none">Expected graduation date: May 2010GPA: 3.976 Thomas Jefferson HSST , Alexandria, Virginia <i>Advanced Studies Diploma</i> <ul style="list-style-type: none">Senior thesis and technical project on "End-to-end Publishing Using Bittorrent"	September 2007 – present September 2004 – June 2007
PROFESSIONAL EXPERIENCE	UVa Department of Computer Science , Charlottesville, Virginia <i>Research Assistant</i> <ul style="list-style-type: none">Worked with Dr. John Knight in developing Helix, a regenerative security architectureAdded fine grained system call monitoring capabilities to a software dynamic translatorDesigned and implemented a network control system with an authenticated REST API NavigationArts , McLean, Virginia <i>Web Developer Intern</i> <ul style="list-style-type: none">Wholly responsible for front-end development of <i>The Sacramento Bee</i> website relaunchImproved internal developer document presentation tools with jQueryVisually refreshed client extranet to match the updated NavigationArts homepage NavigationArts , McLean, Virginia <i>Web Developer Intern</i> <ul style="list-style-type: none">Developed a customized, standards-based Microsoft SharePoint intranetConsulted on feasibility and technical merits of SharePoint for client projectsWorked closely with a project manager, developers, and designers in a Scrum process Naval Research Laboratory , Washington, D.C. <i>Network Security Intern</i> <ul style="list-style-type: none">Maintained Fedora and Windows servers providing sniffer, firewall, and logging for branchAutomated site-wide network vulnerability scanning and reporting with NessusProduced a graphical malicious binary analysis program with Python and Tkinter	June 2009 – present June 2008 – August 2008 June 2007 – August 2007 June 2006 – August 2006
PUBLICATIONS	Component Oriented Monitoring of Binaries for Security (<i>submitted to DSN '10</i>)	
SKILLS	C, C++, C#, x86 assembly, GDB, Bash, PHP, Python, MySQL, Java Expertise in standards-based web development with HTML, CSS, and Javascript Linux system administration	
ACTIVITIES	Resident Advisor Eta Lambda Chi Entrepreneurial Society (Co-Founder) Intermediate Honors, University of Virginia UVa ACM Programming Team	