

Matthew L. Cooper

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Education	M.S. in Computer Science <i>Virginia Tech</i> Thesis topic: “Algorithm and Data Structure Visualization for Undergraduate Education” GPA 3.90; Expected graduation: May 2007	Blacksburg, VA August 2005–present
	B.S. in Computer Science <i>Virginia Tech</i> Major: Computer Science; Minors: Mathematics, Sociology GPA: 3.46	Blacksburg, VA August 2001–May 2005
Skills	Languages: PHP, Java, C++, Javascript, Python, bash, PL/SQL Platforms: Mac OS X, Unix/Linux, Windows, VMS Major Packages: MySQL, Word/Excel/PowerPoint, Access, STL, Oracle Other: XHTML, XML, L ^A T _E X, TCP/IP, JSON	
Graduate Coursework	Virtual Environments Network Architecture Programming Languages Tools for Online Education	Computer-Supported Collaborative Work Information Storage and Retrieval Database Management Systems
Significant Activities	<ul style="list-style-type: none">• Publication, <i>Algorithm Visualization: A Report on the State of the Field</i>, ACM SIGCSE 2007• Member, ACM SIGCSE (SIG in Computer Science Education)• Vice-President, Computer Science Community Service (CS²), 2004 - 2005• Member, Upsilon Pi Epsilon national computer science honor society• Earned, Boy Scouts of America Eagle Scout rank	
Employment	Web Developer <i>College Alcohol Abuse Prevention Center</i> Graduate Teaching Assistant <i>Computer Science Department</i> Software Designer <i>Medicos, Inc.</i> Lab Consultant <i>New Media Center</i> Co-op Student <i>General Electric</i> Co-op Student <i>Tennessee Valley Authority</i>	Blacksburg, VA June 2006–August 2006 Blacksburg, VA August 2005–present Baltimore, MD May 2005–January 2006 Blacksburg, VA August 2004–May 2005 Salem, VA January 2004–May 2004 Chattanooga, TN June–August 2002, 2003