

# Christopher W. Fletcher

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AFFILIATION	University of Illinois at Urbana-Champaign Computer Science Department
ADDRESS	Siebel Center for Computer Science 201 N. Goodwin Ave, Urbana, IL 61801
EDUCATION	<b>Massachusetts Institute of Technology</b> <span style="float: right;"><b>June 2016</b></span> Ph.D., Electrical Engineering and Computer Science Thesis: “Oblivious RAM: From Theory to Practice” ( <b>Winner of the George M. Sprowls Award for outstanding Ph.D. thesis in CS at MIT</b> ) Advisor: Sriniv Devadas  <b>Massachusetts Institute of Technology</b> <span style="float: right;"><b>May 2013</b></span> S.M., Electrical Engineering and Computer Science Thesis: “Ascend: An Architecture for Performing Secure Computation on Encrypted Data” Advisor: Sriniv Devadas  <b>The University of California, Berkeley</b> <span style="float: right;"><b>May 2010</b></span> B.S., Electrical Engineering and Computer Science Advisor: John Wawrzynek  <b>Viewpoint School, Calabasas</b> <span style="float: right;"><b>June 2006</b></span> {Elementary, High} School Diplomas
PAPERS/ETC.	Over 25 papers published in Computer Architecture/Security/High Performance Computing conferences. Six papers related to Deep Learning, Security or Architecture under review. Please see <a href="http://cwfletcher.net/Pages/Research.php">http://cwfletcher.net/Pages/Research.php</a> for a complete list of published papers, theses, talks, posters and press.
AWARDS AND DISTINCTIONS	George M. Sprowls Award for outstanding Ph.D. thesis in CS at MIT <span style="float: right;"><b>2016</b></span> ACSC’13 Best Poster Presentation Award, Second Place <span style="float: right;"><b>2013</b></span> CCS’13 Best Student Paper Award <span style="float: right;"><b>2013</b></span> Ascend processor named one of ten “world changing ideas” by Scientific American <span style="float: right;"><b>2013</b></span> National Defense Science and Engineering Graduate Fellowship <span style="float: right;"><b>Funding years: 2012-2015</b></span> National Science Foundation Graduate Research Fellowship <span style="float: right;"><b>Funding years: 2011</b></span> ICS’10 Best Student Paper Award <span style="float: right;"><b>2010</b></span> UC Berkeley, graduated with <i>High Honors</i> (GPA: 3.91/4) <span style="float: right;"><b>2010</b></span> Golden Key (member) <span style="float: right;"><b>Inducted 2008</b></span> Rose Hills Science and Engineering Scholarship <span style="float: right;"><b>2007-2008</b></span> Tau Beta Pi, UC Berkeley CA Alpha Chapter (member) <span style="float: right;"><b>Inducted 2007</b></span> Eta Kappa Nu (invited) <span style="float: right;"><b>2007</b></span> National Society of Collegiate Scholars <span style="float: right;"><b>2006</b></span> UC Berkeley Edward Frank Kraft Scholarship <span style="float: right;"><b>2006</b></span> VSSA Award (Community Service Distinction) <span style="float: right;"><b>2006</b></span> Cum Laude Society, Honor Society (member) <span style="float: right;"><b>Inducted 2006</b></span> CORE, Community Service Honor Society (member) <span style="float: right;"><b>Inducted 2005</b></span>

POSITIONS	1. Assistant Professor	<b>Fall 2017 - Present</b>
	Affiliation: <i>University of Illinois at Urbana-Champaign; Computer Science Department</i>	
	2. Research Post-Doc	<b>Fall 2016 - Fall 2017</b>
	Affiliation: <i>Nvidia Corporation; Nvidia Research; Architecture Research Group</i>	
	Advisor(s): Joel Emer, Steve Keckler	
3. Research Assistant	<b>Fall 2010 - Spring 2016</b>	
Affiliation: <i>MIT; CSAIL; Computation Structures Group</i>		
Advisor(s): Srin Devadas		
4. Undergraduate Researcher	<b>Spring 2008 - Spring 2010</b>	
Affiliation: <i>U.C. Berkeley; BWRC, ParLab; RAMP, Berkeley Reconfigurable Group</i>		
Advisor(s): John Wawrzynek, Garry Nolan, Greg Gibeling, Narges Asadi		
5. Software Engineering Intern	<b>Summer 2008</b>	
<i>Oracle Corporation; Project: JDeveloper-JIRA Connector</i>		
SERVICE	<b>Program Committees:</b> ICCD'16, ASPLOS'17, HOST'17, MICRO'17, CCS'17, DAC'18 <b>External Review Committees:</b> Asia CCS'17, ISCA'17 <b>Organizing Committees:</b> MICRO'17	
TEACHING	<b>CS61A:</b> Structure and Interpretation of Computer Programs, U.C. Berkeley <b>CS150:</b> Components and Design Techniques for Digital Systems, U.C. Berkeley <b>6.S092:</b> Introduction to Software Engineering in Java (IAP), M.I.T. <b>6.172:</b> Performance Engineering of Software Systems, M.I.T. <b>CS598clf:</b> Secure Processor Design, UIUC	
	1. Instructor	<b>Fall 2017</b>
	<i>CS598clf</i> ; course website: <a href="http://cwfletcher.net/598clf.html">http://cwfletcher.net/598clf.html</a>	
	2. Teaching Assistant (Student Approval Rating: 6.7/7)	<b>Fall 2013</b>
	<i>6.172</i> ; under: Charles Leiserson and Saman Amarasinghe	
	3. Instructor	<b>January 2012</b>
	<i>6.S092</i> ; with: Anirudh Sivaraman and Kasia Hayden	
	4. Teaching Assistant (Student Approval Rating: 5/5)	<b>Spring 2010</b>
	<i>CS150</i> ; under: John Wawrzynek	
	5. Teaching Assistant (Student Approval Rating: 4.7/5)	<b>Spring 2009</b>
	<i>CS150</i> ; under: John Wawrzynek	
	6. Head Teaching Assistant (Student Approval Rating: 4.8/5)	<b>Fall 2008</b>
	<i>CS150</i> ; under: Kris Pister	
	7. Grader	<b>Fall 2007</b>
	<i>CS61A</i> ; under: Brian Harvey	
	8. Lab Assistant	<b>Spring 2007</b>
	<i>CS61A</i> ; under: Brian Harvey	
VOLUNTEER	1. "MITPOSSE" Industry mentor	<b>2016</b>
	<i>MIT class 6.172</i>	
	2. Corporate Liaison Committee Chair	<b>2006 - 2008</b>
	<i>The Engineers' Joint Council</i>	
	3. Mentor, Media Literacy Program Director	<b>2005 - 2007</b>
	<i>The Zeitgeist Community Learning Center</i>	
	4. School Representative, Organizer	<b>2005 - 2006</b>
	<i>The ALS Association - Greater Los Angeles Chapter</i>	