

Christopher W. Fletcher

CONTACT *E-mail:* cwfletch@illinois.edu *Website:* <http://cwfletcher.net> *Last updated:* January, 2017

AFFILIATION University of Illinois at Urbana-Champaign
Computer Science Department

ADDRESS 594 Putnam Ave.,
Cambridge, Massachusetts 02139

EDUCATION **Massachusetts Institute of Technology** **June 2016**

Ph.D., Electrical Engineering and Computer Science
Thesis: “Oblivious RAM: From Theory to Practice” (**Winner of the George M. Sprowls Award for outstanding Ph.D. thesis in CS at MIT**)
Advisor: Srinivasa Devadas

Massachusetts Institute of Technology **May 2013**

S.M., Electrical Engineering and Computer Science
Thesis: “Ascend: An Architecture for Performing Secure Computation on Encrypted Data”
Advisor: Srinivasa Devadas

The University of California, Berkeley **May 2010**

B.S., Electrical Engineering and Computer Science
Advisor: John Wawrzynek

Viewpoint School, Calabasas **Jun 2006**

{Elementary, High} School Diplomas

PAPERS/ETC. Please see <http://cwfletcher.net/Pages/Research.php> 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 **2016**
ACSC’13 Best Poster Presentation Award, Second Place **2013**
CCS’13 Best Student Paper Award **2013**
Ascend processor named one of ten “world changing ideas” by Scientific American **2013**
National Defense Science and Engineering Graduate Fellowship **Funding years: 2012-2015**
National Science Foundation Graduate Research Fellowship **Funding years: 2011**
ICS’10 Best Student Paper Award **2010**
UC Berkeley, graduated with *High Honors* (GPA: 3.91/4) **2010**
Golden Key (member) **Inducted 2008**
Rose Hills Science and Engineering Scholarship **2007-2008**
Tau Beta Pi, UC Berkeley CA Alpha Chapter (member) **Inducted 2007**
Eta Kappa Nu (invited) **2007**
National Society of Collegiate Scholars **2006**
UC Berkeley Edward Frank Kraft Scholarship **2006**
VSSA Award (Community Service Distinction) **2006**
Cum Laude Society, Honor Society (member) **Inducted 2006**
CORE, Community Service Honor Society (member) **Inducted 2005**

POSITIONS 1. Assistant Professor **Starting Fall 2017**
Affiliation: *University of Illinois at Urbana-Champaign; Computer Science Department*

2. Adjunct Assistant Professor **Fall 2016 - Fall 2017**
Affiliation: *University of Illinois at Urbana-Champaign; Computer Science Department*
3. Research Post-Doc **Fall 2016 - Fall 2017**
Affiliation: *Nvidia Corporation; Nvidia Research; Architecture Research Group*
Advisor(s): Joel Emer, Steve Keckler
4. Research Assistant **Fall 2010 - Spring 2016**
Affiliation: *MIT; CSAIL; Computation Structures Group*
Advisor(s): Sriniv Devadas
5. Undergraduate Researcher **Spring 2008 - Spring 2010**
Affiliation: *U.C. Berkeley; BWRC, ParLab; RAMP, Berkeley Reconfigurable Group*
Advisor(s): John Wawrzynek, Garry Nolan, Greg Gibeling, Narges Asadi

SERVICE

Program Committees: ICCD'16, ASPLOS'17, HOST'17, MICRO'17, CCS'17
External Review Committees: Asia CCS'17, ISCA'17
Organizing Committees: MICRO'17

TEACHING

CS61A: Structure and Interpretation of Computer Programs, U.C. Berkeley
CS150: Components and Design Techniques for Digital Systems, U.C. Berkeley
6.S092: Introduction to Software Engineering in Java (IAP), M.I.T.
6.172: Performance Engineering of Software Systems, M.I.T.

1. Teaching Assistant (Student Approval Rating: 6.7/7) **Fall 2013**
6.172; under: Charles Leiserson and Saman Amarasinghe
2. Instructor **January 2012**
6.S092; with: Anirudh Sivaraman and Kasia Hayden
3. Teaching Assistant (Student Approval Rating: 5/5) **Spring 2010**
CS150; under: John Wawrzynek
4. Teaching Assistant (Student Approval Rating: 4.7/5) **Spring 2009**
CS150; under: John Wawrzynek
5. Head Teaching Assistant (Student Approval Rating: 4.8/5) **Fall 2008**
CS150; under: Kris Pister
6. Grader **Fall 2007**
CS61A; under: Brian Harvey
7. Lab Assistant **Spring 2007**
CS61A; under: Brian Harvey

INDUSTRY

1. Co-founder, President of *Oblivilock Inc.* **2015**
Accepted into the inaugural class of the Cyber Security Factory, a startup accelerator run by venture capital firm Highland Capital Partners.
2. Software Engineering Intern **Sum 2008**
Oracle Corporation; Project: JDeveloper-JIRA Connector

VOLUNTEER

1. "MITPOSSE" Industry mentor **2016**
MIT class 6.172
2. Corporate Liaison Committee Chair **2006 - 2008**
The Engineers' Joint Council
3. Mentor, Media Literacy Program Director **2005 - 2007**
The Zeitgeist Community Learning Center
4. School Representative, Organizer **2005 - 2006**
The ALS Association - Greater Los Angeles Chapter