MICHAEL WALFISH

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EDUCATION

9/2002 – 11/2007	**Massachusetts Institute of Technology**, Cambridge, MA Ph.D. in Computer Science, February 2008 S.M. in Computer Science, September 2004 Dissertation: "Defending Networked Resources Against Floods of Unwelcome Requests" Advisor: Prof. Hari Balakrishnan Minor: Probability and stochastic processes
9/1994 – 6/1998	**Harvard University**, Cambridge, MA A.B. in Computer Science, *summa cum laude*, June 1998

EMPLOYMENT

1/2008 – Present	**The University of Texas at Austin**, Austin, TX Assistant Professor, 1/2009 – Present. Assistant Professor (on leave), 1/2008 – 12/2008.
9/2008 – 12/2008	**University College London**, London, United Kingdom Senior Research Associate.
11/2007 – 8/2008	**Stanford University**, Stanford, CA Postdoctoral scholar.
Summer 2003, Summer 2004	**International Computer Science Institute (ICSI)**, Berkeley, CA Summer intern.
8/1999 – 5/2002	**Digital Fountain, Inc.**, Fremont, CA Software engineer at computer networking startup.

TEACHING

Spring 2011, Spring 2010	**Instructor** for UT CS 372H (undergrad.), "Introduction to Operating Systems: Honors" Received 4.8/5.0 on anonymous student reviews both semesters, the highest rating of an instructor in this course in at least the past five years.
Fall 2010, Fall 2009	**Instructor** for UT CS 395T (grad.), "Operating Systems Implementation" Received 4.7/5.0 on student reviews in 2010. Created course in 2009.
Spring 2009	**Instructor** for UT CS 395T (grad.), "Topics in Secure and Distributed Storage Systems" Created course.
Spring 2006	**Recitation Instructor** for MIT 6.033 (undergrad.), "Computer Systems Engineering" Taught two sections of undergraduates. Each section met twice weekly. Recitations introduced new material and were a core part of this course. (The other recitation instructors were faculty members.) Received 6.8/7.0 on anonymous student reviews, the highest rating of a staff member in this course in at least the past five years.
Fall 1996	**Teaching Assistant** for Harvard CS50, "Introduction to Computer Science" Received teaching award and 4.9/5.0 on anonymous student reviews.

AWARDS

2011	Best talk, HotOS
2011	NSF CAREER
2010	Air Force Young Investigator
2009 – 2012	Faculty Fellowship #4, Department of Computer Science, UT Austin
2003 – 2006	National Defense Science and Engineering Graduate (NDSEG) Fellowship
2003	National Science Foundation Graduate Research Fellowship
2002 – 2003	MIT Presidential Fellowship
1997	Phi Beta Kappa
1997	Certificate of Distinction in Teaching (for "Introduction to Computer Science" at Harvard)
1994 – 1998	John Harvard Scholarship (honorary)

PHD ADVISING

2011 – Present	Richard McPherson, UT Austin
2011 – Present	Hao Wu, UT Austin
2009 – Present	Srinath Setty, UT Austin
2008 – Present	Joshua Leners, UT Austin
2009 – 2011	Jad Naous, Stanford (co-advised)

UNDERGRADUATE HONORS THESIS ADVISING

2011 – Present	Chris Cotter, UT Austin
2011 – Present	Jason Wolfe, UT Austin
2011 – Present	Brian Bales, UT Austin
2010 – 2011	Mike Miller, UT Austin
2010 – 2011	Ivaylo Popov, UT Austin
2010 – Present	Lon Ingram, UT Austin
2009 – Present	James Kneeland, UT Austin

EXTERNAL TALKS

May 2011	"Repair From a Chair", workshop talk at HotOS. Best talk award.
May 2010	"Policy and Mechanism in the Future Internet", invited talk at UC San Diego
October 2009	"A Policy Framework for the Future Internet", workshop talk at HotNets
August 2009	"No Time for Asynchrony", tech talk at Cisco
May 2009	"No Time for Asynchrony", workshop talk at HotOS
November 2008	"Defending Networked Resources Against Floods of Unwelcome Requests", invited talk at Max Planck Institute for Software Systems, Saarbrücken, Germany
November 2008	"Defending Networked Resources Against Floods of Unwelcome Requests", invited talk at University of Cambridge, Cambridge, UK

July 2008	"Achieving the Potential of Provenance with Information Tracking", DARPA workshop
September 2006	"DDoS Defense by Offense", conference talk at SIGCOMM
September 2006	"DDoS Defense by Offense", tech talk at Google
May 2006	"Distributed Quota Enforcement for Spam Control", conference talk at NSDI
November 2005	"DoS: Fighting Fire With Fire", workshop talk at HotNets
February 2005	"Peering Peer-to-Peer Providers", workshop talk at IPTPS
December 2004	"Middleboxes No Longer Considered Harmful", conference talk at OSDI
August 2004	"A Layered Naming Architecture", workshop talk for IRTF HIP Research Group
March 2004	"Untangling the Web from DNS", conference talk at NSDI

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