

College of Computer and Information Science
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Stephen T. Chang

Appointments

2010-present *Research Assistant*, CCIS, Northeastern University
2008-2010 *Teaching Assistant*, CCIS, Northeastern University
2008 *Teaching Fellow*, SEAS, Harvard University
2008 *Intern*, Liquid Machines, Inc.
2001-2006 *Software Engineer*, Teradyne, Inc.

Education

2008-present **Ph.D.** in Computer Science, Northeastern University
Advisor: Matthias Felleisen
2006-2008 **M.E.** in Computer Science, Harvard University
1997-2001 **B.S.E.** *cum laude* in Electrical Engineering, Princeton University

Publications & Talks

2013 **Laziness By Need.** In *Proceedings of the 22nd European Symposium on Programming (ESOP)*.
2012 **The Call-by-need Lambda Calculus, Revisited**, with Matthias Felleisen. In *Proceedings of the 21st European Symposium on Programming (ESOP)*.
2011 **From Stack Traces to Lazy Rewriting Sequences**, with Eli Barzilay, John Clements, and Matthias Felleisen. In *Revised Selected Papers of the 23rd International Symposium on Implementation and Application of Functional Languages (IFL)*.
2010 **Evaluating Call By Need on the Control Stack**, with David Van Horn and Matthias Felleisen. In *Revised Selected Papers of the 11th International Symposium on Trends in Functional Programming (TFP)*.

Awards

2010 *Teaching Award*, College of Computer and Information Science, Northeastern University.
2010 *Best Student Paper*, 11th International Symposium on Trends in Functional Programming (TFP).
2009 *Upsilon Pi Epsilon*, International Honor Society for the Computing and information Disciplines.

Professional Activities

2013 *Reviewer*, Foundations of Software Science and Computations Structures (FoSSaCS).

Teaching

Spring 2010 *Head Teaching Assistant*, Program Design Paradigms, Northeastern University.
Fall 2009 *Teaching Assistant*, Program Design Paradigms, Northeastern University.
Spring 2009 *Teaching Assistant*, Fundamentals of Computer Science II, Northeastern University.
Fall 2008 *Teaching Assistant*, Fundamentals of Computer Science I, Northeastern University.
Spring 2008 *Teaching Fellow*, Introduction to Computer Science II, Harvard University.

Additional Work Experience

2008 *Intern*, Liquid Machines, Inc., Waltham, MA.
2001-2006 *Software Engineer*, Teradyne, Inc., Boston, MA.