

Thomas Jablin

Curriculum Vitae

CONTACT INFORMATION

Department of Computer Science
Princeton University
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EDUCATION

Princeton University, Princeton, NJ
Ph.D. in Computer Science, in progress
Advisor: Prof. David I. August

Princeton University, Princeton, NJ
Master of Science in Computer Science, May 2008

Amherst College, Amherst, MA
B.A. in Computer Science, Spring 2006
Advisor: Prof. Scott F. Kaplan

EXPERIENCE

Research Assistant, September 2007 to Present

Liberty Research Group

Department of Computer Science, Princeton University, Princeton, NJ

Implement Consume and Branch Optimization

Implement LLVM to Impact64 translator

Advisor: David I. August

Summer Intern, June 2005 to August 2005

Microsoft

FrontPage, Redmond, WA

Implement CSS Reports View and CSS Errors View

Mentor: Peter Spada

Manager: Harley Rosnow

Summer Research Assistant, June 2004 to August 2004

Amherst College

Computer Science Department, Amherst, MA

Implement every demand eviction strategy that could be found in literature search in a simulator.

Advisor: Scott F. Kaplan

TEACHING

COS 126: General Computer Science

Preceptor, Fall 2007, Princeton University

Course on introductory computer science concepts. Graded homeworks and exams. Ran two hour-long precepts per week. Office hours.

COS 217: Introduction for Programming Systems

Preceptor, Spring 2008, Princeton University

Course on introductory computer organization and system software. Graded homeworks and exams. Ran two hour-long precepts per week. Office hours.

RECOGNITION

Selection of “Revisiting the Sequential Programming Model for Multi-Core” for IEEE Micro’s “Top Picks” special issue for papers “most relevant to industry and significant in contribution to the field of computer architecture” in 2007.

Named outstanding graduate student teaching assistant by Princeton School of Engineering and Applied Science.

PROFESSIONAL ACTIVITIES

PAPER SUBMISSION CHAIR

The 42nd Annual IEEE/ACM International Symposium on Microarchitecture (MICRO), 2009.

WORKSHOP CHAIR

The Fourteenth Annual Mid-Atlantic Student Workshop on Programming Languages and Systems (MASPLAS), 2008.

PUBLICATIONS

JOURNAL PUBLICATIONS

- [1] Matthew J. Bridges, Neil Vachharajani, Yun Zhang, Thomas Jablin, and David I. August, “Revisiting the Sequential Programming Model for Multi-Core,” in *IEEE Micro*, January 2008.
IEEE Micro’s “Top Picks” special issue for papers “most relevant to industry and significant in contribution to the field of computer architecture” in 2007.

CONFERENCE PUBLICATIONS

- [1] Matthew J. Bridges, Neil Vachharajani, Yun Zhang, Thomas Jablin, and David I. August, “Revisiting the Sequential Programming Model for Multi-Core,” in *Proceedings of the 40th IEEE/ACM International Symposium on Microarchitecture (MICRO)*, December 2007.
Selected for IEEE Micro’s ”Top Picks” special issue for papers ”most relevant to industry and significant in contribution to the field of computer architecture” in 2007.