ADAM CHLIPALA

Cambridge, MA
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Objective

- Not currently seeking employment

Specialties

- Computer theorem proving
  - ⋆ *Project:* Certified type-preserving compilers (http://ltamer.sf.net/)
  - ⋆ *Project:* Verifying imperative programs (http://ynot.cs.harvard.edu/)
- Design, implementation, and analysis of functional programming languages
  - ⋆ *Project:* Statically typed metaprogramming for web apps (http://www.impredicative.com/ur/)
  - ⋆ *Project:* Static types for system configuration (http://wiki.hcoop.net/DomTool)

Employment

- **Professor of Computer Science**, MIT, 7/2022 – ??
- **Postdoctoral Fellow**, Harvard University, 6/2008 – 6/2011
- **Instructor**, certified programming class, Harvard University, 9/2008 – 1/2009
- **OCaml Hacker**, Jane Street Capital, 9/2007 – 4/2008
- **Graduate Student Researcher**, UC Berkeley CS Division, 9/2003 – 8/2007
- **Instructor**, computer theorem proving class, UC Berkeley CS Division, 8/2006 – 12/2006
- **Research Intern**, Microsoft Research Redmond, 6/2005 – 8/2005

Education

- **University of California, Berkeley**
  PhD, MS, Computer Science, 8/2003 – 9/2007, GPA: 4.0
- **Carnegie Mellon University**
  BS, Computer Science, 8/2000 – 5/2003, GPA: 4.0

Software technologies

- **Expert on**: ML, Coq, C
- **Significant experience with**: F#, Java, SQL, x86 and Z80 assembly languages
- **Some experience with**: Haskell, C++, XSLT

Academic honors

- **National Defense Science and Engineering Graduate Fellowship** winner, 2004
- **National Science Foundation Graduate Research Fellowship** winner, 2004

Publications

- 10 papers published at peer-reviewed scholarly conferences; 5 at workshops; 2 journal articles