

Michael M. Greenberg

1008 S. 18th St.
Philadelphia, PA 19146

+1 617 331-1965

<http://www.weaselhat.com/>

mgree@seas.upenn.edu

Education

2007- **PhD in Computer and Information Science**

present *University of Pennsylvania, Philadelphia, PA, USA*
Advisor: Benjamin Pierce

2003- **Bachelor of Arts in Computer Science (with Honors), Egyptology**

2007 *Brown University, Providence, RI, USA*
3.67/4.00 (92%) cumulative average

2005- **Computer Science Study Abroad**

2006 *Technion, Haifa, Israel*
77.5% cumulative average

2000- **Computer Science Study**

2003 *Indiana University, Bloomington, IN, USA*
3.78/4.00 (94%) cumulative average

Skills

Programming Languages

Scheme/Lisp
JavaScript
ML (Ocaml), Coq
Haskell
Java
C/C++
Python
PHP

Technologies

AJAX and JavaScript DOM
SQL
Ant/Make
LaTeX
RuleBase
StateCharts

POSIX: Linux/UNIX
X Window
Mac OS 9, X
(Free/PC/MS)-DOS
Microsoft Windows

Work experience

Summer 2007 **AT&T Shannon Labs**

Intern

Worked on PADS/ML-Galax bridge with Yitzhak Mandelbaum and Mary Fernández. Extended PADS to support generic programming.

Fall 2006 **Brown University**

Tutor

Tutored CS051 (Theory of Computation).

Summer 2005 **National Bioinformatics Network, Cape Town, South Africa**

Intern

Helped develop bioinformatics database.

Spring 2005: Teaching assistant for CS032 (Software Engineering) at Brown University.

2000-2003: Computer repairman at PC Max in Bloomington, IN.

Publications

Mary Fernández, Kathleen Fisher, J. Nathan Foster, Michael Greenberg, and Yitzhak Mandelbaum. *A Generic Programming Toolkit for PADS/ML: First-Class Upgrades for Third-Party Developers*. Submitted for publication. August 2007.

Michael Greenberg and Shriram Krishnamurthi. *Declarative, composable views*. Undergraduate honors thesis. May 2007.

Michael Greenberg, Casey Marks, Leo Alexander Meyerovich, and Michael Carl Tschantz. *The Soundness and Completeness of Margrave with Respect to a Subset of XACML*. Tech Report CS-05-05, Department of Computer Science, Brown University, 2005.

Shriram Krishnamurthi, Kathi Fisler, Michael Greenberg. *Verifying Aspect Advice Modularly*. ACM SIGSOFT International Symposium on the Foundations of Software Engineering (FSE-12), 2004.

Interests

Computer science

- Programming language theory and implementation
- Verification
- Logic
- Automata and language theory

Languages

- *Modern*: English, Hebrew, Russian
- *Ancient*: Hebrew, Aramaic, Egyptian, Coptic, Greek, Latin

Ancient history and language

- Biblical philology
- Semitic languages
- Egyptology

References

Available upon request