

Peter Fogg

400A East 16th Street
Bloomington, IN 47408

peter.p.fogg@gmail.com
585-451-1004

Education

- **Indiana University** Bloomington, IN
Ph.D in Computer Science September 2014 – present
- **Oberlin College** Oberlin, OH
B.A in Computer Science September 2010 – May 2014

Work Experience

- **Indiana University** Bloomington, IN
Research Assistant September 2014 – present
 - Co-author of *Parallel Type-checking with Saturating LVars*, in submission, ICFP '15
 - Implemented novel data structures for the [LVish library](#)
- **edX** Cambridge, MA
Engineering Intern June 2013 – August 2013
 - Worked closely with the edX Studio team to implement various improvements to the usability of the platform
- **Oberlin College** Oberlin, OH
Grader February 2013 – May 2014
 - Graded weekly lab assignments for CS151, Data Structures and Algorithms, and later CS280, Introduction to Algorithms
 - Examined code to determine where and why it failed and to assign partial credit
- **Oberlin College** Oberlin, OH
Workshop Leader September 2012 – December 2012, September 2013 – December 2013
 - Planned and lead a workshop intended to supplement Introduction to Algorithms
 - Worked to strengthen student's understanding of algorithmic techniques and their mathematical background
- **Apatapa** San Francisco, CA
Lead iOS/Django developer June 2012 – August 2012
 - Helped to design and develop an iOS application, its backend, and associated website
 - Brought several key features from start to completion
- **Oberlin College** Oberlin, OH
Tutor October 2011 – May 2014
 - Tutored students in introductory computer science classes, explaining concepts such as recursion, object-oriented programming, and debugging
 - Assisted students in upper-level classes with learning new languages, etc.
- **Oberlin College** Oberlin, OH
Lab Helper September 2011 – May 2012
 - Helped students in lab with programming assignments—pointing out simple problems, giving design advice, assisting with more complicated debugging
- **University of Rochester** Rochester, NY
Summer Intern June 2011 – August 2011
 - Benchmarked Blue Gene/P and Beowulf cluster supercomputers, using Amber and GAUSSIAN programs

Skills

- **Programming Languages:** Haskell, Python, Scheme, Javascript, HTML/CSS
- **Frameworks:** Django, Rails
- **Operating Systems:** Unix, Mac OS X
- **Other:** git, L^AT_EX, test-driven development

Other

- Github: <https://github.com/peter-fogg>