

Resume

Name: Inna Zakharevich
Email: zakharev@gmail.com
Webpage: <http://www.innaz.com>
Address: 550 Cabot Mail Ctr, Cambridge, MA 02138
Phone: (857)-998-7460

Education:

Current: Ph.D. program in Mathematics, MIT. Started September 2007.
Additional: Certificate of Adv. Study in Pure Math. with Distinction, Cambridge U., 2006-07.
Undergraduate: Harvard University, Magna Cum Laude. (June 2006).
Major: Mathematics (completed coursework for computer science).
GPA: 3.78. GPA in major: 3.99

Relevant Course Work:

Math: Advanced Calc. and Lin. Algebra, Graduate Alg. Topology, Graduate Complex Analysis, Intro to Alg. Number Theory, Graduate Modern Alg., Graduate Alg. Geometry,
CS: AI: Perception and Learning, Information Management (Databases), Data Structures and Algorithms, Programming Languages, Randomized Algorithms, Design of VLSI circuits
Physics: Mechanics, Laboratory Electronics

Achievements:

- Gates Cambridge Fellowship for 2006-2007 year
- CRA Outstanding Undergraduate Award finalist, 2006.
- 6th place Putnam examination December 2004
- USA Mathematical Olympiad winner: 2002 perfect score

Publications:

- "A Generalization of Wigner's Semicircle Law." *Comm. Math. Phys.*, Vol 268, pp.403-414.

Skills:

- Programming languages: C/C++, Java, Perl, LISP, ML/OCaml
- proficient in LaTeX
- familiar with Linux (Debian)
- some familiarity with MySQL

Work Experience:

- Engineering Intern at Google, GMail backend tea: 6/20/06 - 9/8/06.
Job description: Software engineering for the GMail server.
- Research assistant for Professor Norman Ramsey (Harvard): 6/13/05 - 8/31/05.
Job description: designing a type system for Lua and implementing a type checker based on the system.
- Course assistant to Math 116: Convexity and Optimization. 2/04/05 - 5/28/05
Job description: writing official solutions to problem sets, grading problem sets, teaching a one-hour section, holding office hours.
- Harvard Extension School tutor/grader for Intro to Comp. Theory: 9/04 - 1/05.
Job description: grading problem sets and tutoring students enrolled in the course.
- Research assistant for Professor Gunnar Carlsson (Stanford): 7/4/04 - 9/1/04.
Job description: expanding capabilities of shape recognition software.
- Course assistant to Math 25: Hon. Calc. and Lin. Algebra. 9/16/03 - 5/30/04.
Job description: same as for Math 116.
- Researcher at REU held by American Institute of Mathematics: 6/1/04 - 8/14/04.
Job description: researching eigenvalue distributions of random matrices, writing summary paper.