

Stacey Kuznetsov

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Education

Carnegie Mellon University, Pittsburgh, PA (2008 – present)

- Pursuing a PhD in Computer Science at the Human Computer Interaction Institute

New York University, New York, NY (2002-2006)

- BA: Double major in Computer Science with Honors and Philosophy
- Suma Cum Laude: 4.0/4.0 Computer Science GPA, 3.9/4.0 Overall GPA

Columbia University, New York, NY (2000-2002)

- Science Honors Program

Johns Hopkins University, Baltimore, MD (1998, 2000)

- Center for Talented Youth summer program

Skills

Programming Languages

- C/C++, Java, Perl/CGI, Bash, SQL, PHP, HTML/XML, MatLab

Operating Systems

- Linux, Solaris, Macintosh, Windows

Natural Languages

- Fluent in Russian and English, conversant in Spanish

Research

Aphrodisias, Professor Christopher Ratte, NYU (2005-2008)

- Assembled a Geographic Information System (GIS) for Aphrodisias, a Greco-Roman archaeological site in Turkey
- Analyzed multispectral satellite imagery and topographic data to locate ancient sites

Temporal File System, Professor Dennis Shasha, NYU (2006-2007)

- Developed system that incorporates text analytics and image processing to enable users to query documents by content, history and relationship to other files

Rapid Content-Based Image Retrieval, Professor Dennis Shasha, NYU (2006)

- Designed and implemented high-performance algorithms for searching large sets of images

StratPal, Professor Dennis Shasha, NYU (2005-2006)

- Created application that parses deposition questions into a logically valid structure and visually presents them to assist lawyers with their deposition strategies

Wikipedia, Professor Helen Nissenbaum, NYU (2006-2007)

- Examined motivations of contributors to Wikipedia through large survey and research paper

Java Packrat Parser, Professor Robert Grimm, NYU (2005)

- Implemented and optimized Packrat parser and pretty printer for the Java language

Work Experience

Software Engineer, Google Search Quality Group, New York, NY (2007 - 2008)

- Improved Google search results and the user experience on the Google front page

Researcher, NYU Computer Science Department, New York, NY (2005-2006)

- Pursued numerous research projects in systems and user interfaces; sponsored by NSF

Open Source Developer, NYU Social Sciences and Statistics Group, New York, NY (2004-2005)

- Set up a PostgreSQL database and developed PHP scripts that converted files from Google's Keyhole, ESRI ArcInfo, and GRASS software into an interoperable format

E-tutor/E-grader, NYU Computer Science Department, New York, NY (2004, 2006)

- Debugged and identified algorithmic and syntactic errors in student programs

Paralegal, Caesar & Napoli, New York, NY (2002-2004)

- Researched legal statutes, drafted petition letters, and compiled immigration cases

Awards

- National Science Foundation Graduate Research Fellowship (2008 – 2011)
- Ranieri Travel Grant for travel expenses to Aphrodisias, Turkey (2006)
- Computer Science Department Award for Academic Excellence in the Honors Program (2006)
- NYU Merit Scholarship (2002-2006)
- Young Math and Science Scholarship (2002)
- National Merit Finalist (2000)