

JACOB RATKIEWICZ

732 Woodbridge Dr, Bloomington, IN 47408

812.369.0980; jpr@cs.indiana.edu

Education

- **Indiana University Bloomington**—Ph.D. projected 2008
Major: Computer Science, GPA 4.0
- **Indiana University Bloomington**—M.S. 2005
Major: Computer Science, GPA 4.0
- **Indiana University South Bend**—B.S. 2003
Major: Computer Science, GPA 3.9 overall

Current Research Projects

- **Software Development: Infrastructure to support large webgraphs**—with Fil Menczer
C++ infrastructure to support graphs of more than 300 million vertices on a standard PC. Graph container will interface with the Boost Graph Library.
- **Research: Novel IR method**—with Fil Menczer
Currently developing a novel method to perform question answering and auto-summarization with standard web pages as input.
- **Research: Click Fraud and Phishing**—with Markus Jakobsson
Involved in various efforts to combat & measure the effects of click-fraud and phishing.

Skills

- **Operating Systems:** Several variants of Linux/Unix, Mac OS X, Windows 3.1 to XP
- **Computer Languages:** Proficient in C/C++, Perl, Python, and Java
- **Tools:** Eclipse, Borland C++Builder, Borland Delphi, MS Visual Studio, various *nix shells and tools.

Work Experience

- **Consultant for major financial institution:** From April to December 2006, consulted for a major financial institution on issues of security, privacy, and identity theft.
- **Consultant for RavenWhite, Inc:** Part-time consultant for computer security start-up RavenWhite, (ravenwhite.com). Spring 2006-present. Duties include software development, testing, and research on new methods.

Achievements and Activities

- Computer Science Graduate Student Association President - 2005
- Computer Science Graduate Student Association Social Chair - 2004
- ACM Student Chapter President - 2001 and 2002
- Excellence Award in Computer Science, IU South Bend
- Graduation with Highest Distinction, IU South Bend
- ACM Intercollegiate Programming Contest 2003 - Team placed 20/113 nationally, 2nd regionally (IUSB Titaniums)