

# Joshua E. Nankin

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## EDUCATION

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### Columbia University, Fu Foundation of Engineering and Applied Science

New York, NY

MS in Computer Science (Natural Language Processing Track), **GPA:** 4.0

Expected January 2009

**Relevant Coursework:** Natural Language Processing, Advanced Software Engineering, User Interface Design

**Relevant Projects:** AdMatch - automatically characterizing businesses using patterns extracted from Internet news articles

### Yeshiva University, Yeshiva College

New York, NY

BA in Computer Science, *Magna Cum Laude* **GPA:** 3.91

January 2008

*Honors:* Gertrude Nissenbaum Memorial Award for Excellence in Computer Science, 2008

Samuel Belkin Scholar

Dean's List, 2005 – 2006, 2006-2007 Academic Years

Honorary Mention, ACM New York Regional Collegiate Programming Contest, 2005 and 2006

*Studies Abroad:* Yeshivat Kerem B'Yavneh, Israel, 2003 – 2005

## TECHNICAL SKILLS

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**Programming:** Java, C/C++, PHP, SQL, Perl, XML/XSLT, Visual Basic/VBA, PBasic, Design Patterns

**Applications:** Photoshop, Illustrator, Dreamweaver, Flash, LogicWorks, Zend Studio, NetBeans, IntelliJ, Eclipse, Dev C++, Microsoft Visual Studio, Microsoft Word, Excel, Access, Powerpoint, emacs

**Operating Systems:** Windows 95/98/XP/Server 2003, Ubuntu Linux, Solaris, MS-DOS

**Hardware:** Parallax Basic Stamp II, servo motors and controllers, and a variety of sensors

## EXPERIENCE

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### BlackRock Solutions

New York, NY

*Technical Analyst*

Summer 2008

- Implemented rules-based alert system that notifies personnel of performance anomalies on a server farm in real time
- Integrated system's notification mechanism into existing tools and monitors
- Created a machine learning utility to automatically generate rules trained on farm performance history

### YUCommunity.com – Yeshiva University

New York, NY

*Head Technical Architect and Developer*

Summer 2007

- Invented a web application to automate registration for and allocation of off-campus housing for faculty, alumni, and married couples
- Engineered social networking aspects to the site including tenant discussion forums, student-authored housing tips, and photo galleries to develop the sense of a tightly knit, off-campus community

### Student Organization of Yeshiva University Seforim Sale

New York, NY

*Head Software Engineer*

Spring 2007

- Led a team of 3 software developers in the maintenance and improvement of a Microsoft SQL Server-based inventory and online shopping system for the annual sale which generates over \$1 million in revenue
- Effectively facilitated project management using tools like wikis, CVS, and Google Groups
- Invented a Java application to ease data validation and the performance of batch tasks on a database with tens of thousands of records

### Goldman Sachs & Company

Jersey City, NJ

*Technical Analyst*

Summer 2006

- Created script tracing utility for new expression language using an iterative development process
- Updated, documented, and productized existing diagnostic email notification system
- Worked with global team to understand current platform and presented progress to the team upon completion

## EXTRACURRICULAR ACTIVITIES

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- *Teacher's Assistant*, Algorithms, Yeshiva University, Fall 2008
- *Adjunct Instructor*, Programming Languages, Yeshiva University, Fall 2007
- *Teacher's Assistant*, Data Structures, Yeshiva University, Spring 2006
- *Founder and Director*, Yeshiva University Robotics Club, Spring 2005 – Spring 2007

## HOBBIES

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Robot building, rocketry, jogging, target shooting, and community volunteering