Joshua E. Nankin

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EDUCATION

Columbia University, Fu Foundation of Engineering and Applied Science New York, NY
MS in Computer Science (Natural Language Processing Track), **GPA**: 4.0 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

Programming: Java, PHP, JavaScript, SQL, C/C++, 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, Squirrel SQL, Aqua Data Studio, Microsoft Word, Excel, Access, Powerpoint, emacs, CVS, SVN
Operating Systems: Windows 95/98/XP/Server 2003, Ubuntu Linux, MS-DOS
Frameworks and ORMs: Spring, Hibernate, Symfony, Zend, Propel, Rhino, YUI, MochiKit, jQuery
Hardware: Parallax Basic Stamp II, servo motors and controllers, and a variety of sensors

EXPERIENCE

Yodle, Inc. New York, NY
Software Engineer January 2009 - Present
- Co-led design and development of a custom, enterprise-level, in-browser content management system similar to Weebly and Yola
- Implemented powerful bulk ad copy editor with keyword suggestion and context dependent JavaScript validation rules
- Invented a filtering framework using custom JSP tags and aspect oriented programming to greatly ease creation of complex reports
- Improved existing integration with third party APIs like Salesforce and VoiceStar (call tracking service)

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

Student Organization of Yeshiva University Seforim Sale New York, NY
Head Software Engineer Spring 2007
- Led a team of three 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
- Built 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

- *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

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