

Jonah Burke

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EDUCATION

University of Pennsylvania. Philadelphia, PA. *School of Engineering and Applied Science and Wharton School* **1998 to 2002**

- Bachelor of Science in Engineering, Computer Science and Engineering major. *Summa cum laude*
- Bachelor of Science in Economics, Finance concentration. Beta Gamma Sigma. *Summa cum laude*
- Co-founded, co-edited, and wrote for *First Call*, a weekly magazine of art and commentary aimed at fostering debate on campus
- Tutored K-12 students in reading and math over eight semesters as volunteer for West Philadelphia Tutoring Project

The Williston Northampton School. Easthampton, MA **1994 to 1998**

School Year Abroad. Barcelona, Spain **1996 to 1997**

EMPLOYMENT

Symbolic. New York, NY. <http://symbolicny.com>. *Founder-Developer* **11/2006 to Present**

- Founded consultancy that applies technology to social causes and develops software for non-profits and small businesses
- Conceived, developed, and operated The Darfur Wall, a web site and 501(c)(3) which raised over \$100,000 in aid to Darfur
- Presented Darfur Wall at schools, agencies, and conferences; secured international press leading to donations from 31 countries
- Worked as sole developer at five startups, charting technical strategy and writing software at the core of their organizations
- Developed software for Treesaver, enabling the startup to convert any web site or feed into a rich magazine app

Big Think. New York, NY. <http://bigthink.com>. *Lead Developer* **11/2009 to 1/2011**

- Led product development and operations during a period in which traffic quintupled, exceeding one million visits per month
- Advised executives on all things technical; evaluated vendors, assessed IT-systems, and elucidated trends in technology
- Wrote vision, product plan, and specifications for next version of product in collaboration with executives and editors
- Evaluated hosting companies, redesigned server topology, and migrated web site to new host, cutting cost by two thirds
- Redesigned and re-implemented content-management system, fixing scores of crippling bugs and improving usability
- Enabled Big Think to acquire several of the world's top blogs by developing systems to migrate data and redirect traffic

Microsoft Corporation. Redmond, WA. *Program Manager* **5/2003 to 7/2006**

- Designed and wrote specifications of ground-breaking enterprise-application integration features of SharePoint Server 2007
- Coordinated implementation of complex feature-set across development, test, marketing, and user-assistance groups
- Presented at major technical conferences including Microsoft Professional Developers Conference and Microsoft TechEd
- Filed eight patent applications for new ideas in authorization, user-interfaces, search, and enterprise-application integration
- Received the Microsoft Gold Star, an award given to promising junior employees
- Recruited teams of over 200 Microsoft employees to work for local non-profits on four annual days of volunteering

Microsoft Corporation. Redmond, WA. *Program Manager Intern* **Summers 2000 & 2002**

- Designed and developed application to report on Windows crash data, contributing to significant reduction in "blue screens"
- Conceived and implemented application to track responsibility for Microsoft software libraries, decreasing time to fix bugs

Credit Suisse First Boston Technology Group. Boston, MA. *Summer Analyst* **Summer 2001**

- Analyzed financing alternatives for major communications-equipment provider and produced presentation for its CTO
- Researched communications-equipment sector and presented analysis of potential investments to private equity firm

SKILLS AND KNOWLEDGE

- *Technology* – Internet protocols (TCP/IP, HTTP, DNS), web servers (Apache, Nginx, IIS), databases (SQL Server, MySQL, SQLite), operating systems (Linux/UNIX, Windows, Mac OS), object-oriented design, distributed system design, server architecture, scalable systems, system administration, computer security, cryptography, myriad software libraries, protocols, and APIs
- *Computer Languages and Frameworks* – Ruby, JavaScript, Java, C#, C, C++, HTML, CSS, Rails, .NET
- *Human Languages* –Spanish (advanced), Italian (beginning)

INTERESTS

Running (Portland Marathon finisher), swimming, yoga, reading, blogging, plants, food (preparation and policy), all things Spanish