

Jonah Burke

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http://jonahburke.com

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

EMPLOYMENT

Jonah Burke Software. New York, NY. Founder & Developer — 2/2008 to Present

- Founded, managed, and operated consultancy that designs and builds software for startups, non-profits, and small businesses
- Created EXO: Arena, a real-time, multiplayer, location-based game comprising an iOS app, servers, and network protocols
- Designed and implemented server, API, iOS library, transcoder, and web site for Arqball Spin, a 3-D photography application
- Created system for converting feeds and web sites into cross-platform applications for Treesaver, a publishing platform
- Served as lead developer at several other startups, devising technical strategy, writing software, and advising founders

Big Think. New York, NY. Developer — 11/2009 to 1/2011

- Led product development and operations for a year in which traffic quintupled, exceeding one million unique visitors per month
- Redesigned and rewrote content-management system, eliminating crippling bugs and improving usability and maintainability
- Developed system to migrate data between publishing platforms, enabling Big Think to acquire several of the world's top blogs
- Redesigned server topology, wrote deployment recipes, and migrated web site to new host, decreasing cost by two thirds
- Wrote vision, product plan, and specifications for next version of product in collaboration with executives and editors

The Darfur Foundation. Seattle, WA. Founder & Developer — 9/2006 to 12/2007

- Conceived and developed The Darfur Wall, a virtual monument that raised \$100,000 in aid to Sudan from donors in 30 countries
- Secured coverage from the Seattle Times, Boston Globe, Seattle P-I, and other major outlets; presented at several conferences

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

- Designed and wrote specifications for ground-breaking enterprise-application integration features of SharePoint Server 2007
- Coordinated implementation of 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 employees

Microsoft. 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, Windows, Mac OS, iOS), object-oriented design, distributed system design, server architecture, scalable systems, system administration, computer security, cryptography, myriad libraries, protocols, and APIs

Computer Languages and Frameworks — Objective-C, Ruby, JavaScript, Java, C#, C, HTML, CSS, Rails, Cocoa, .NET

INTERESTS

Running (marathon finisher), soccer, tennis, swimming, reading, plants, puzzles, cooking, computer history, Spanish language