**Jonah Burke** jonah@jonahb.com 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