

Robin S. Stewart

robin@robinstewart.com
413-464-2060

www.robinstewart.com

Experience

MAC & iPad SOFTWARE DEVELOPER, The Omni Group (2008-present) *Seattle, WA*
♦ Lead Engineer for OmniGraphSketcher for Mac and iPad, a set of applications for illustrative charting.
♦ Oversee usability testing and assist with interface design for all Omni software.

SOFTWARE ENTREPRENEUR, Mac OS X platform (2003-2008)
♦ Designed and developed a full-featured graphical software application with over 25,000 lines of code.
♦ Conducted usability research including user studies, heuristic evaluations, and surveys.
♦ Managed marketing, sales, documentation, customer support, and strategic planning for future releases.
♦ Achieved \$10,000 in revenue and was acquired by The Omni Group in 2008 to become OmniGraphSketcher.

WEBSITE DESIGNER, Freelance (1998-present)
♦ Created over 20 websites for companies, student organizations, and individuals (see www.robinstewart.com/products).
♦ Implement all aspects, including information architecture, visual design, and programming for database-driven content.

INTERFACE DESIGNER & DEVELOPER, Socrata (Summer 2008) *Seattle, WA*
♦ Worked with the Director of User Experience to improve the online spreadsheet-like interface for sharing data.

RESEARCH INTERN, Endeca Technologies (Summer 2007) *Cambridge, MA*
♦ Designed a novel interface for precisely exploring large collections of text documents based on sentence structure.
♦ Collaborated with the User Experience team and others to refine the design and run an 11-person user study.

INTERN, Kinetic Books Company (Summer 2003 and Summer 2004) *Seattle, WA*
♦ Designed and programmed physics simulations for a web-based physics textbook.

Education

MASSACHUSETTS INSTITUTE OF TECHNOLOGY *Cambridge, MA*
Master of Science in Computer Science, June 2008
♦ Research Assistant in Human-Computer Interaction, with a focus on interfaces for information visualization
♦ Co-chaired the 2007 Workshop on Human-Computer Interaction and Information Retrieval (HCIR'07)
♦ Best Paper Award at CHI 2009 (and other publications; see www.robinstewart.com/research)

WILLIAMS COLLEGE *Williamstown, MA*
Bachelor of Arts, Magna Cum Laude, with Honors in Computer Science and Cognitive Science, June 2006

Technical and Design Skills

Programming Languages: Objective-C, C++, C, Java, Python, JavaScript, HTML, XML, PHP, SQL, and many others.
Libraries/Frameworks: Cocoa (Apple iOS and Mac OS X), Adobe Flex, OpenGL, CSS, SVG, StarLogo, et al.
Design Tools: Adobe Photoshop, Dreamweaver, Fireworks, InDesign, and Illustrator; OmniGraffle.

Interests

Teaching: Organized and led 10-week programming classes for 4th-6th graders. (2004-2008)
Video: Directed, filmed, and edited music videos and other projects using Final Cut Pro. (2001-2007)
Juggling: Led the Williams juggling club; member of the MIT juggling club. (2003-2008)
Community: Participate in Seattle Works team community service projects. (2009-present)

Honors and Awards

- ♦ **National Science Foundation Graduate Research Fellowship** (one of only 53 computer science recipients in 2007)
- ♦ **Elected to Phi Beta Kappa** (top 12.5% of Williams class) and **Sigma Xi** (The Scientific Research Society)
- ♦ **Apple Worldwide Developer Conference Student Scholarship** (in 2005, 2006, 2007, and 2008)
- ♦ **Microsoft National High School Computer Science Scholarship** (one of only 15 recipients in 2002)
- ♦ **National Merit Scholarship** and **Robert C. Byrd Honors Scholarship** (top 1% of high school students in the US)
- ♦ **SAT: Quantitative: 800, Verbal: 800** (perfect score)