Robin S. Stewart

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Experience

SENIOR RESEARCH SCIENTIST, Tableau Software (2015-present)
- Researching and prototyping ways to make statistics and data analysis easier to use and understand.
- Inventor and co-inventor of 13 patents under review.

USER EXPERIENCE ENGINEER, Tableau Software (2012-2015)
- Inventor and lead designer of Vizable, a mobile app that simplifies visual data analysis. The app was profiled by major news outlets and featured by Apple for many weeks.
- Designed features and built prototypes for Tableau products across desktop, web, and mobile.

SOFTWARE DEVELOPER, The Omni Group (2008-2011)
- Led engineering and design for OmniGraphSketcher for Mac and iPad, a set of applications for illustrative charting.
- Designed interfaces, crafted information architectures, and implemented features for several other Omni apps.

FOUNDER, Robin Stewart Software (2003-2008)
- Designed and developed a full-featured graphical software application with over 25,000 lines of code.
- Managed marketing, sales, documentation, customer support, usability research, and strategic planning.
- The app was acquired by The Omni Group in 2008 to become OmniGraphSketcher.

USER EXPERIENCE ENGINEER, Socrata, Inc. (Summer 2008)
- Helped improve the online interface for viewing, editing, and sharing structured data.

RESEARCH INTERN, Endeca Technologies (Summer 2007)
- Created a novel interface for exploring large collections of text documents based on sentence structure.

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

WEBSITE DESIGNER, Freelance (1998-2015)
- Created over 20 websites, including information architecture, visual design, client and database programming.

Technical and Design Skills

Programming Languages: Objective-C, Swift, C, C++, Java, Python, JavaScript, HTML, CSS, PHP, SQL, and others.
Libraries/Frameworks: Cocoa (Apple iOS and Mac OS X), OpenGL, D3, StarLogo, Scratch.
Design Tools: OmniGraffle Pro; Axure RP; Keynote; Final Cut Pro; Adobe Photoshop, Dreamweaver, and InDesign.

Education

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Master of Science in Computer Science (June 2008)

WILLIAMS COLLEGE
Bachelor of Arts, Magna Cum Laude, with Honors in Computer Science and Cognitive Science (June 2006)

Honors and Awards

- **Tableau Merit Bonus** (for exemplary contributions in 2014 and 2015)
- **Best Paper Award, CHI 2009** (top 1% of submissions)
- **National Science Foundation Graduate Research Fellowship** (one of 53 computer science recipients in 2007)
- **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)
- **SAT: Quantitative: 800, Verbal: 800** (perfect score)