Stephen Boak
curriculum vitae

Experience

Product Designer, Boundary
April 2011 to Present – San Francisco, CA

- Responsible for defining product user experience, building the front-end and real-time data visualizations, and all production graphics work including designing the company logo
- Employee #4 and first front-end hire

Product Manager, Quid
August 2010 to April 2011 – San Francisco, CA

- Led engineering scrums and worked with management team to define and deliver on product goals for all web products
- Designed and built the product front-end

Systems Architect, Happold Consulting
January 2009 to July 2010 – New York, NY & London, UK

- Collaborated with global, interdisciplinary project teams to design software interfaces and business processes to tackle issues such as climate change, urbanization, government transparency, and affordable housing
- Product designer on World Bank RAF and Riyadh Region Dashboard projects

Structural Designer, Buro Happold
January 2006 to January 2009 – Los Angeles, CA

- Designed and managed teams on cutting-edge built environment projects including Dragonfly (which was short-listed for an IstructE award and for which I was invited to speak at the Los Angeles Design Technology Forum) and Helios House

Project Consultant, Gehry Technologies
May 2005 to January 2006 – Los Angeles, CA

- Created design tools and parametric models to assist architects on the Beekman Tower project in evaluating the performance and cost of facade designs
- Brought manufacturing costs down by 30% and earned personal congratulations from Frank Gehry

Co-Founder and Researcher, Ann Arbor Innovations LLC
May 2002 to July 2004 – Ann Arbor, MI

- Designed a prototype shoe insole that showed significant reductions in foot ulceration in diabetic patients
- Developed an in-shoe shear measurement system
- Designed the company website and logo

Contract Web Developer
1994 to 2003

- Designed my first website at the age of 14
- Worked as lead designer on teenvoice.com from 1996-1998
- Developed a computerized double-vision test with a local ophthalmologist and was awarded a provisional patent

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Portfolio www.stephenboak.com

Education

Stevens Institute of Technology – 2004-2006
M.S. Product Architecture and Engineering

- Focus on product development, interaction design, and design technology

University of Michigan, Ann Arbor – 1998-2002
B.S. Mechanical Engineering

- Developed a prototype shoe insole that led to a new product and the founding of a startup company

Strengths

- Strong visual design and interaction design skills and a solid understanding of technologies and design patterns for the web, software, and physical products
- Passion for bringing rich user experiences to life through sketching, prototyping, user testing, and matching user needs with product goals
- Insatiable appetite for acquiring new skills and finding solutions to complex design challenges
- Unique combination of interaction design, product development, and engineering experience – and an understanding of what each brings to great products

Skills

- **Languages:** HTML/CSS, Javascript, Ruby, MySQL
- **Software:** Photoshop, Illustrator, InDesign, Flash/Actionscript, Omnigraffle, ticketing and bug tracking systems

Interests

Skiing, Running, Cycling, Photography