Steve Hoey

steve@bpimobility.com – (617) 596-6469
19R Prospect Hill Ave, Somerville, MA 02143

Passionate Community Builder
Experienced Product Leader
Senior Designer and Developer

Profile

An empathetic and experienced team leader with serious graphic and web design chops, broad technical knowledge, and outstanding communication skills; seeking to collaborate with brilliant and inclusive teams working to advance the cause of **Universal Mobility.**

Overview

My life's focus has been on building and sustaining vibrant community events. I co-produced a long-running local dance music event series for 20 years. I've convened queer community events and fundraisers in Boston, Vermont, and Tennessee. I host regular multigenerational potluck dinners for LGBTQIA folks and our friends.

My professional career is grounded in interactive design and audio and video production. I've worked for big organizations like Harvard University and Akamai Technologies, for smaller shops including a series of companies run by inventor and futurist Ray Kurzweil, and for a variety of clients large and small as an independent contractor. I thrive in a collaborative environment with a clear mission and a healthy mix of autonomy and accountability.

Skills

Twenty-five years of **event production** experience. Thirty years' experience as a **radio producer and DJ**. Expert with Adobe **Photoshop** and **Illustrator** (as well as Affinity Photo and Designer) for design, prototyping, and production. Experience with video production using Adobe **Premiere** and **DaVinci Resolve**. Extensive experience using modern Web technologies to build dynamic web applications, including **D3.js, django, Python, MySQL, PHP**, and general **JavaScript**, along with more than 25 years' experience building and deploying **HTML** and **CSS**. Over 10 years' experience wrangling data at the **Unix** command line (**curl, awk, grep, cut, sort, sed**) and using **Hadoop/Hive/HBase** to work with massive data sets. Experience with exploratory and production data analysis in **R**. Some familiarity with various Machine Learning methods, including modeling and anomaly detection of time-series signals.

Experience   **Akamai Technologies, Inc. 2007-2020**
Lead Principal Software Engineer (2016-2020)
Principal Software Engineer (2012-2016)
Senior Software Engineer (2007-2012)
Co-Chair, out@akamai Employee Resource Group (2013-2020)

Hired as a contractor to build an interactive Global Internet Observer for US Air Force Cyber Command, then invited to join the Custom Analytics group full-time. Led a number of projects for large customers including US Department of Homeland Security, Singapore's Cyber Security Agency, General Motors, USAA, and Apple. Designed and built interactive reporting dashboards leveraging legacy XML/SOAP web services and modern JSON XmlHttpRequest. Investigated Internet-scale data signals producing terabytes of log lines per day to discover anomalies, model traffic, and yield insights for security and traffic management. Developed keen data-wrangling skills involving pulling from multiple sources, cleaning and normalizing data, conducting exploratory analysis, and developing analytic and visualization techniques to communicate key findings. Joined and later led the LGBTQ+ *out@akamai* Employee Resource Group, organizing events, winning policy and practice changes, and tripling membership. Created and ran Custom Analytics' internship program, supervising post-doc scholars conducting sophisticated Internet research.

Hoey Design & Solutions, Inc. 2002-2007
Principal Designer / Developer

Designed and built interactive Flash applications for delivery via CD-ROM, kiosk, and the Web. Created HTML and Flash-based education and training materials. Designed, built, and maintained complex, interactive web sites. Assessed client needs and developed specifications; collaborated with client teams to refine specifications, develop prototypes, and deliver polished interactive products. Participated in all phases of project development and management, from conception to final delivery and implementation.

Clients included: Akamai Technologies; Children's Hospital Boston; Boston Museum of Science; American Board of Family Medicine; BoardPoint, LLC; Liberty Mutual Insurance Group; Accella Learning Systems; Gay & Lesbian Review Worldwide; American Board of Pediatrics; American Board of Psychiatry and Neurology; Medical Learning Company

Experience
(continued)

Massachusetts College of Art & Design 2005-2009
Adjunct Faculty

Designed and taught "ActionScript for Designers" in the Graduate and Continuing Education Department. Instructed mostly mid-career adult students in using Flash's scripting language to produce complex interactivity and to develop ActionScript that is readable, modular, extensible, maintainable, and reusable. Repeatedly received highest evaluations.

Kurzweil Technologies, Inc. 1999-2002
Principal Web Designer & Developer

Designed and developed all web sites of the Kurzweil Companies, working directly with founder Ray Kurzweil. Managed a team including an outside design firm, software developers, and content creators to launch KurzweilAI.net, a cutting-edge web site exploring the social impact of future technologies. Coordinated design consultants and a team of developers to create FamilyPractice.com, the leading website for Family Physicians. Built a variety of web-based applications using PHP, server-side Java, MySQL, JavaScript, and HTML. Created original graphics and designs for print publications, book jackets, and multimedia presentations, including producing Ray Kurzweil's live real-time motion-capture performance at Richard Saul Wurman's TED 11 conference in Monterey, CA.

Steve Hoey Computer Consulting 1996-1999
Principal Web Designer & Developer

Designed, composed, and created web sites as an independent contractor to a variety of medical, educational, and non-profit institutions. Chaired a committee of administrators and faculty at the Harvard Graduate School of Education to reassess the School's web presence, and then redesigned and rebuilt the School's web site. Designed and created web sites for the Beth Israel Deaconess Medical Center Department of Obstetrics and Gynecology, the American Society of Abdominal Surgeons, Cambridge College, and the video performance art group Noise Laboratories.

Experience
(continued)

Harvard Graduate School of Education 1993-1998
Instructional Computing Support Specialist (1995-1998)
Media Technician III (1993-1995)

Worked with faculty to facilitate and improve their use of technology both in the classroom and in support of their classroom activities. Specified and maintained all classroom computing equipment for the School. Investigated characteristics of effective educational software. Participated in the specification and design of the new Learning Technologies Center. Served on the Dean's Web Policy Committee. Supervised a team of part-time workers in the delivery, setup, and maintenance of computer and media equipment.

Education

Tufts University 2022
Urban & Environmental Policy and Planning

Audited **Mark Chase's** course UEP 294-05: Planning for Bicycles and Pedestrians. Final project proposed a redesign of Cambridge Street in Charlestown alongside Sullivan Square MBTA station to improve safety for cyclists and pedestrians.

Harvard College 1989-1993
A.B. Social Psychology – magna cum laude *with honors*

Honors Thesis research on the self-esteem effects of social visibility published in the April, 1998 Journal of Personality and Social Psychology with lead authors Deborrah E. S. Frable and Linda Platt. Co-director of undergraduate LGBTQ+ peer counseling group. Director of Studio Engineering, news anchor, and jazz disc jockey at WHRB-FM. Designer and writer of Quincy House newsletter.