

EXPERIENCE

Bloomberg, New York, NY; Senior Interaction Designer (October 2009 to present)

Designed applications for pricing derivatives, monitoring equities and instant messaging; Gathered requirements and conducted user research at banks and financial institutions; Created wireframes and high fidelity prototypes in HTML and XAML.

Microsoft Research, Redmond, WA; Research Intern (April 2009 to July 2009)

Developed a collaborative sharing application on Windows mobile; Conducted research on public displays and sharing applications on mobile phones; Published and presented research at premier HCI conferences and awarded patent.

Yahoo!, Sunnyvale, CA; Senior Interaction Designer and Prototyper (July 2006 to Sept. 2008)

Developed interactive prototypes and defined interaction for concepts and features on Yahoo's home page and My Yahoo; Implemented products using CSS, HTML, JavaScript and Yahoo! User Interface libraries.

Amazon.com, Seattle, WA; User Interface Designer (May 2005 to June 2006)

Redesigned Amazon GoldBox and recommendations e-mail; developed web applications for analyzing website usage statistics and customer behavior; designed Amazon Delivers e-mail subscription management features; evaluated website usability issues.

Siemens Research, Princeton, NJ; Associate Human Factors Specialist (Sept. 2002 to April 2005)

Created workflows, user interface guidelines and prototypes for healthcare and industrial applications; worked on-site with teams Austria, Germany and Slovakia; Contributed to research activities by publishing conference papers.

Macromedia (Adobe), Minneapolis, MN; User Interface Intern (Jan. 2001 to April 2001)

Designed customizable templates for Macromedia web applications; ensured applications adhered to user interface standards.

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

Master of Human-Computer Interaction (2002)

Macalester College, St. Paul, MN

B.A., Computer Science (2001)

University of California, Irvine

Ph.D. (Incomplete) Information and Computer Sciences (2008 to 2009), Awarded Dean's Fellowship

Conferences, Courses and Seminars

CHI 2010, 2007, 2006, 2004, 2002; SXSW 2007; Design History, Stanford University Continuing Studies, 2006; Typography, Parsons School of Design, 2004; Presenting Data and Information, Edward Tufte, 2004

TECHNICAL SKILLS

Programming Languages

Advanced: HTML, CSS, JavaScript (YUI, JQuery)
Intermediate: Java, C#, PHP, XML

Applications

Dreamweaver, Flash, Illustrator,
InDesign, Photoshop

HCI Methods

Affinity Diagrams, Contextual Inquiry,
Heuristic Evaluation, Think Aloud

SELECTED CONFERENCE PAPERS

Gunaratne, J., Brush, A.J. Newport: Enabling Sharing During Mobile Calls. Proc. CHI 2010.

Gunaratne, J., Goose, S., Lee, M. Nomadic Nurse: Toward Optimizing Home Healthcare with Voice Interaction. Proc. HCI International 2005.

Gunaratne, J., Hwong, B., Nelson, C., and Rudorfer, A. Using Evolutionary Prototypes to Formalize Product Requirements. Proc. ICSE 2004 Bridging the Gaps Between Software Engineering and HCI.