

SUSHMITA SUBRAMANIAN

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SKILLS

HCI EXPLORATIVE METHODS

Contextual Inquiry
Card Sorting
Diary Studies
Directed Storytelling
Affinity Diagrams
Focus Groups
Personas
Storyboarding
Surveys/Questionnaires

HCI EVALUATIVE METHODS

Think-Aloud User Studies
Heuristic Evaluation
Cognitive Walkthrough
GOMS (KLM)
Wizard of Oz
Prototyping

PROFICIENCY

PROGRAMMING LANGUAGES

C	C#
C++	HTML
Java	Javascript

APPLICATIONS

MS Office	Visual Studio .NET
Dreamweaver	Fireworks
Illustrator	InDesign

PUBLICATIONS

Aoki, P., Honicky, R.J., Mainwaring, A., Myers, C., Paulos, E., Subramanian, S., Woodruff, A.: A vehicle for research: using street sweepers to explore the landscape of environmental community action. CHI 2009: 375-384. Nominated for Best Paper.

Schleyer T, Spallek H, Butler BS, Subramanian S, Weiss D, Poythress ML, Rattanathikun P, Mueller G. Facebook for scientists: Requirements and services for optimizing how scientific collaborations are established, Journal of medical Internet research, Vol. 10, No. 3. (2008)

EDUCATION

CARNEGIE MELLON UNIVERSITY

Masters of Human Computer Interaction, Aug. 2007
Cumulative GPA: 4.04

PRINCETON UNIVERSITY

Bachelor of Arts, Computer Science, June 2004
Cumulative GPA 3.5 | Major GPA: 3.7

EXPERIENCE

INTEL CORPORATION

INTEL LABS

Oct. 2008 – Current, Santa Clara, CA

- User research/design to create mobile context aware technologies.
- Led user research on understanding practices of sharing information in microblogging and other social systems.
- Designed user interfaces and led user research for ground truth data collection trial.
- Led interaction design to showcase team's sensor technology work.

INTEL CORPORATION

ROTATION ENGINEER PROGRAM

Oct. 2007 – Oct.2008, Santa Clara, CA

- Third rotation in Intel Research Emerging Platforms Lab: User research/design to create wearable context aware technology.
- Second rotation in Intel Research Lab Berkeley: User research/design to create mobile sensing platform to support citizen science.
- First rotation in Long Range Business Planning group: Market research/analysis on next generation user interfaces.

PITTSBURGH ONLINE RESEARCH COLLABORATION

CAPSTONE PROJECT LEADER

Jan. 2007 – Aug. 2007, Pittsburgh, PA

- Researched, designed and prototyped a new online system that allows researchers in the Pittsburgh medical community find collaborators with appropriate skills and interests.

MICROSOFT WINDOWS INTERNATIONAL

PROGRAM MANAGER

Sept. 2005 – July 2006, Redmond, WA

- Designed and drove UI tools to open language support to customers on the Windows/.NET Framework platforms.
- Managed all components and APIs dealing with custom locales and locale-pertinent information for upcoming Windows/.NET Framework releases.

MICROSOFT WINDOWS INTERNATIONAL

SOFTWARE DESIGN ENGINEER IN TEST

Summer 2003, Aug.2004 – Aug.2005, Redmond, WA

- Responsible for testing Natural Language Support components added to Windows Vista.
- Developed new testing tools/frameworks for the team
- Led test team members on worldwide release of new UI-based tool. Involved applications of C#, C, and Visual Studio .NET.