

# SUNGJOON STEVE WON

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Permanent Resident

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- EDUCATION: Carnegie Mellon University** **Pittsburgh, PA**  
*Master of Human-Computer Interaction* December 2008  
Overall GPA: 3.96/4.00  
*Bachelor of Science in Computer Science, Human-Computer Interaction (Double Major),* May 2008  
Overall GPA: 3.53/4.00
- EXPERIENCE: Redesigning Email Management** **Pittsburgh, PA**  
*Primary Researcher & Designer* July 2008 – Present
- Studied user behavior on managing incoming emails he or she will need to reply to at a later time
  - Designed UI to support and improve that behavior
- Redesigning for Medical Homes** **Pittsburgh, PA**  
*Member* October–December 2008
- Worked with 4 other members on a service design project, sponsored by Mayo Clinic and Continuum
  - Proposed a novel patient experience for medical homes and primary care systems
  - Generated novel research methods, conducted user studies, generated concepts, built storyboards, iterated through visual designs, and built interactive prototypes
- Pets Over Pittsburgh** **Pittsburgh, PA**  
*Usability consultant & Web designer* May – September 2008
- Consulted for improving the user experience in the client's website; client was a small sized local company
  - Conducted competitive analysis and heuristic evaluation on client's website and proposed new web designs that will improve the user experience
  - Re-designed website has not been uploaded onto the web yet
- Contextual Web History** **Pittsburgh, PA**  
*Project lead* January 2007 – September 2008
- Explored non-linear (non-chronological) ways to map, organize, and search through a user's personal web history in a web browser
  - Conducted user studies, created and iterated through mock-up designs, and implemented prototype iterations as Firefox extensions which were user-tested
  - Received IBM's Innovation that Matters award in Spring 2008 at the Meeting of the Minds Undergraduate Research Symposium: May 2008
  - Received the first place "Thought" Prize for Excellence in Research Presentation in Spring 2007 at the Meeting of the Minds Research Symposium: May 2007
  - Received Small Undergraduate Research Grant: Spring & Fall 2007
- Privacy Nutrition Label** **Pittsburgh, PA**  
*Designer* February – August 2008
- Explored graphical representations of web privacy policies that is shorter, more intuitive, and visually effective to the user
  - Produced new low-fidelity and high-fidelity designs based on user feedback and past findings, and developed interactive prototypes
- Master's Capstone Project with Linden Lab** **Pittsburgh, PA**  
*Technical Lead* January – August 2008
- Oversaw and conducted planning, implementation, and evaluation of software prototypes in a 5-person team
  - Conducted competitive analysis and various user studies to understand current practices
  - Devised a new user-oriented solution to solve given problem
- Mozilla Corporation** **Mountain View, CA**  
*Developer Intern* May – August 2007
- Worked on "Places", a new system for storing bookmarks, history, and other information about web pages in Firefox 3 web browser
  - Worked on Tagging prototypes, UI features for Firefox 3, and other front-end and back-end bugs
- Ink-Tutoring** **Pittsburgh, PA**  
*Project lead* January – May 2007
- Designed an easy-to-use Tablet PC user interface for teaching assistants and students to use to communicate

- and exchange in-class knowledge and ideas
- Conducted user studies, created and iterated through mock-up designs, and implemented a prototype in Flash

### **Carnegie Mellon University**

*Course Assistant*

**Pittsburgh, PA**

*August 2006 – May 2007*

- Assisted courses “Intermediate/Advanced Programming” and “Effective Programming in C and Unix”
- Held help sessions, created assignments, graded assignments, and assisted class with any extra needs

### **Nippon Telegraph and Telephone Corporation (NTT)**

*Research Intern*

**Atsugi, Japan**

*May – August 2006*

- Interned as a member of a ubiquitous computing project, focused on homes for the elderly
- Developed real time algorithms and implementations for facial feature detection; eye coordinates, eyebrow shape, and mouth state detection

### **CAMEO (Camera Assisted Meeting Event Observer)**

*Research Assistant*

**Pittsburgh, PA**

*October 2004 – March 2005*

- Organized and made necessary corrections and changes to the pre-gathered data
- Annotated, corrected, and ground-truthed data gathered from a video source

### **SKILLS:**

- **Methods:** Wireframing, Contextual Inquiry & Design, Modeling, Heuristic Evaluation, Cognitive Walkthrough, Think Aloud, Keystroke Level Modeling, Focus Setting, Affinity Diagramming
- **Programming Languages:** C, Java, JavaScript, XUL, Flex, Flash (with ActionScript), Processing, Arduino, XML, CSS, HTML
- **Tools:** Eclipse IDE, Flash & Flex, Microsoft Office, Adobe Illustrator & Photoshop
- **Platforms:** Mac, Windows, Linux
- **Other:** Bilingual (Fluent in both English and Korean), a motivated self-learner

### **HONORS & RECOGNITION:**

- University Honors
- Dean’s list
- Project “Flirtastic” a finalist in the Designer/Developer Collaboration category in the 2008 Adobe Design Achievement Awards: August 2008
- Poster on Privacy Nutrition Label accepted for SOUPS (Symposium On Usable Privacy and Security): June 2008
- IBM Innovation that Matters award for Project “Contextual Web History: May 2008
- Small Undergraduate Research Grant for project “Contextual Web History”: Spring 2007 & Fall 2007
- First place “Thought” Prize for Excellence in Research Presentation for Project “Contextual Web History”: May 2007
- Mortar Board Senior Honors Society (Class of 2008)
- Lambda Sigma Sophomore Honors Society (Eta Chapter)