

## MICHAEL SPARANDARA

623 Ivy St, Rear  
Pittsburgh, PA 15232  
(516) 459-1736

michael.sparandara@gmail.com  
<http://michael.sparandara.com/about>

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### EDUCATION

#### **Carnegie Mellon University**

Pittsburgh, PA

Master of Human-Computer Interaction, Expected August 2010

- Coursework in HCI Methods, Interface and Interaction Design, Service Design, Ubiquitous Computing, Software Architecture for User Interfaces

#### **Tufts University**

Medford, MA

Bachelor of Science, Computer Science, May 2006

- Cum Laude, Dean's List, 3.52 GPA
- Academic Resource Center Tutor in Computer Science and Engineering Psychology
- President and Founder of the Tufts Table Tennis Club
- Ongoing volunteer alumni interviewer for undergraduate admissions

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### KNOWLEDGE

- Ability to create wireframe designs, fully mocked-up GUI's, detailed user interaction diagrams, and working HTML/JavaScript rapid prototypes
- Well versed in a multitude of programming languages and technologies including: PHP, PERL, JavaScript, XHTML, CSS, XML, XPATH, XQUERY, XSLT, FLEX, AS3, SQL, C/C++ and Java
- Proficient with Microsoft Windows, Mac OS X, Linux, Adobe Creative Suite 4 (especially Fireworks, Photoshop, InDesign and Illustrator), Microsoft Office, Visio, OmniGraffle, Xcode, MS Visual Studio, Sound Forge and ProTools
- Experience creating high-level functional user-interface specifications

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### EMPLOYMENT

#### **MarketTools (SaaS Division)**

San Francisco, CA

*User Experience Designer*

May 2008 – June 2009

- Created wireframes and designs for new methods of online survey creation
- Designed and prototyped new highly-interactive online editing environments using JavaScript
- Designed live-updating widget creator available to millions of Zoomerang.com users
- Worked with team members to review existing designs and seek continuous improvement

#### **Nuance Communications (On-Demand Division)**

Mountain View, CA

*User Interface Designer (Graphical, Multimodal)*

Mar 2007 – May 2008

- Subject matter expert and lead designer for all GUI (web and mobile) projects
- Worked on cutting edge multimodal mobile phone applications
- Created the Nuance On-Demand GUI Design Process

*User Interface Designer (Voice)*

Jul 2006 – Mar 2007

- Lead designer on high-volume projects for core clients
- Managed and produced call flows, sample dialogs and detailed dialog specs
- Created and ran usability tests, analyzed results
- Collaborated with Sales team to create high-impact pre-sales demos
- Worked closely with voice talents and edited system audio

**Edify Corporation***User Interface Designer*

Santa Clara, CA

Nov 2005 – Jan 2006

- Designed speech dialog prompts and call flows
- Traveled on-site for discovery sessions and requirements meetings
- Worked closely with voice talents
- Redesigned and edited existing system documentation

**C.A.L.M. International, Dr. Russell Roby***Co-designer / developer*

Austin, TX

Jun – Jul 2005

- Created PETALS (Patient Electronic Tracking and Listing System)
- HIPAA compliant patient health database for an alternative medicine practice
- Developed custom user-friendly interface utilizing touch-screen displays, tablet computers, and wireless networking
- Delivered a fully AJAXed, modular design which can easily be expanded
- Ran usability tests and analyzed results

**Independent Consultant***Web and Multimedia Programmer*

New York, NY

Jun 2003 – May 2005

- Designed and developed websites for non-profit and educational organizations
- Clients included The Access Project, RHAR, TEACH and more
- Sites involved dynamic programming, Flash animation and custom-made reusable PHP voting and survey packages

*Audio Engineer*

Jan 2002 – Aug 2003

- Post-production and editing for *The Changing World of Work*, a podcast by Richard M. DiGeorgio & Associates