

sypraseuth vandy

Summary

I am passionate about designing effective and engaging user-centered experiences. Seeking a full-time position in interaction design or user experience research. I am a U.S. citizen and am available to begin work immediately.

Education

M.S. in Human-Computer Interaction | Dec 2011 | 4.20/4.33 QPA

Carnegie Mellon University, Pittsburgh, PA
Universidade da Madeira, Funchal, Portugal

B.S. in Computer Science | Mar 2008 | 3.63/4.0 GPA

Minor: Entrepreneurship
Concentrations: Software Engineering, Communications
Rochester Institute of Technology, Rochester, NY

A.S. in Computer Science | May 2005 | 3.93/4.0 GPA

Monroe Community College, Rochester, NY

Projects

Team Pandere | Novabase Collab | Jan 2011 – Dec 2011

Led team of six to explore client solutions for companies to expose their brand using social networks. Team evaluated contextual data to design and prototype a collaborative interface to manage companies' online presence within Facebook.

ReefBot Web | Pittsburgh Zoo & PPG Aquarium | Sep 2010 – Dec 2010

Researched and designed an engaging web interface for parents and children ages 4-8 years to bridge an interactive fish-identifying robot exhibit back to the home.

Interactive Pool Cue Aimer | Carnegie Mellon | Sep 2010 – Dec 2010

Designed and fabricated an interactive pool cue aimer to assist novice pool players. Used an Arduino micro-controller, C programming, and a variety of sensors.

Experience

Research & Concept Prototyping Intern | Synaptics | Jun 2011 – Aug 2011

Santa Clara, CA

- Conducted participatory design sessions and usability studies to explore and evaluate 3D gestures using the Microsoft Kinect depth camera
- Implemented and refined a variety of scrolling 3D gestures for a desktop PC

Software Engineer II | BAE Systems | Mar 2008 – Jul 2010

San Diego, CA

- Developed UI code for Geospatial eXploitation Products in C++ based off use cases and design specifications
- Designed, implemented, and tested UI for collaborative web application used by intelligence analysts for data collection and report generation

Experience also includes completion of three 3-6 month programming co-ops with **IBM WebSphere**, **Goodrich Corporation Surveillance & Reconnaissance Systems**, and **JPMorgan Chase Investment Banking** during undergraduate studies at RIT.

Contact

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HCI Methods

Contextual Inquiry & Design
Affinity Diagramming
Personas
Key-stroke Level Modeling
Think-Alouds
Heuristic Evaluation
Wireframing
Prototyping
Communication Design

Programming Skills

Java | C++ | Python | C#
JavaScript/HTML/CSS
Android Mobile Development

Applications

Adobe InDesign
Adobe Photoshop
Balsamiq Mockups
Microsoft Visio
CogTool
Eclipse with SVN
Visual Studio with ClearCase
Microsoft Office Suite
Coda

Coursework

HCI Methods
Communication Design
Making Things Interactive
Social Web
Basic Interaction Design
Designing for Service
Software Architectures for UIs
Human Factors
Improv Acting
HCI Capstone Project I
HCI Capstone Project II

Memberships

ACM SIGCHI