

Sivasailam muthiah

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OBJECTIVE Seeking a full-time position in User Experience and Interaction Design.

EDUCATION **Georgia Institute of Technology** *Aug 2009 - May 2011 (expected)*

M.S. Human-Computer Interaction (**GPA: 3.90**)

University of Madras *1999 - 2003*

B.E. Electrical and Electronics Engineering (**Percentage: 76%**)

SKILLS **Usability Evaluation**

Cognitive Walkthrough / Think-Aloud
Testing / Heuristic Analysis

UI Development

Wireframing / Prototyping /
Storyboarding / Web Standards

TOOLS **Prototyping & Design**

Illustrator / InDesign / Photoshop /
OmniGraffle / Flash

Development

HTML / CSS / Javascript / jQuery /
Python / C# / ASP.NET / Java / SQL

EXPERIENCE **CareerBuilder LLC.** *May 2010 - July 2010*

R&D Intern - Data Visualization

Georgia Institute of Technology *Jan 2010 - Dec 2010*

Graduate Research Assistant

Satyam Computer Services Ltd. *Jan 2004 - Mar 2009*

Team Lead, Lead Architect, Lead Developer

PROJECTS **LiquidText Help System Design** *Aug 2010 - Present*

- Designing help system and help videos for gestures used in an iPad application designed for critical reading

Wireframing

Storyboarding

Prototyping

Splash! *Aug 2010 - Dec 2010*

- Designed and built a system which enables the sharing of pictures stored on a Mobile phone or on Facebook using a large external display, while utilizing the phone as a "Gesture Pad"

System Design

Programming - Javascript,

Node.js (Server-side

Javascript), Canvas

GT Mob *Aug 2010 - Dec 2010*

- Designed and built one part of a HTML5 based mobile portal for Georgia Tech utilizing Web SQL and Application Cache

Wireframing

Programming - Javascript

Tangible Bulletinboard *Aug 2010 - Dec 2010*

- Designed and built a digital interactive bulletinboard which allows the posting of physical flyers

Wireframing

Programming - Canvas,

Javascript

PROJECTS **What's it Like There?** *Aug 2010 - Dec 2010*

continued

- Designed and built a context aware information system where a user browsing travel related websites like Wikitravel is presented a method to video chat with people at the locations mentioned on the page

System Design

Programming - Android,

Java, Javascript

Visualizing Job Recommendations and Resumé

Collections *May 2010 - July 2010*

- CareerBuilder LLC.*
- Built a system to visualize all the Resumés and Job Postings in the CareerBuilder database
 - Built a web application to help job seekers visualize and filter a large number of job recommendations

Unstructured Interviews

Wireframing

Programming - Silverlight,

Javascript, SVG

Visualizing Product Reviews *Aug 2009 - May 2010*

- Studied problem of evaluating a product based on a large number of reviews
- Created a visualization to explore and understand a large corpus of purely textual product reviews

Research

Wireframing

Programming - Python,

Javascript, SVG

Billboard Top 50 Songs over 50 years Trends

Visualization *Jan 2010 - May 2010*

- Designed and built an interactive visualization of the Top 50 Billboard chart positions for the past 50 years in order to discern the trends in how musical genres have risen and fallen over the years.

System Design

Programming - Android,

Java, Javascript

Firefighter Vision System *Aug 2009 - Dec 2009*

- Interviewed firefighters and analyzed their problems
- Designed, prototyped and evaluated an Augmented Reality System for low-visibility navigation

Unstructured Interviews

Prototyping

Evaluation

GovTrack 2.0 *Aug 2009 - Dec 2009*

- Designed a web-based system to help users to comprehend United States legislation
- Studied existing systems and performed an user evaluation to discover their problems

Wireframing

Evaluation