

Samrat Ambadekar

Interaction & Experience Designer

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Work Experience

Student Assistant | Georgia Tech Dec 2012 - May 2014

Designed and developed applications for Augmented Reality, Assistive Technology and Tangible interactions.

Software Intern | TechJect Inc May 2013 - July 2013

Analysed custom android OS versions for deployment on a robot drone called Dragonfly.

Consultant | Urban Genesis Aug 2011- Jun 2012

Worked on web development, branding and content presentation for the architectural startup.

Software Developer | Infosys Ltd Sep 2008- Jul 2011

Was responsible for prototyping interactive applications, maintaining interface consistency and functional testing.

Projects

Github Visualization 2013 - 2014

D3.js, Three.js

Designed and developed an interactive visualization system using GitHub developer activity that improved the existing graphs and facilitated quick and efficient analysis.

EZ-Ballot 2013

Windows Tablet, C# .NET

Protoyped a voting experience for visually impaired & physically disabled voters that enabled them to complete the voting process without external assistance.

Geo-based Memory Book (AR App) 2013

Argon AR browser, Three.js

Designed and developed a 3D interactive application that allows location based photo sharing. Focus on content presentation and interactions in virtual 3D space.

PeerSpot Augmented Reality App 2012

Wikitude AR browser, iPhone

Designed and developed an application that integrated transport services at Georgia Tech. The application augmented the spatial and directional understanding of the users.

IPTV Application | Infosys Ltd 2008 - 2010

Microsoft Mediaroom, C# .NET

Designed and prototyped application for IPTV set top box. Notable apps include Interactive Maps and Interactive Chess that could be played over the network.

Education

Georgia Institute of Tech

Aug 2012- May 2014

MS Human Computer Interaction

University of Pune, India

Aug 2004 - May 2008

BE in Computer Engineering

Skills

Design

Rapid Prototyping
Sketching
Wire-framing
Persona
Storyboards
Process Flow Charts
Moodboards
Collaborative Workspaces
Interaction Design

Design Tools

Photoshop, After Effects,
CorelDraw, Balsamiq, Axure

Web Technologies

HTML, CSS, JavaScript, jquery,
XML, JSON

Programming

C/C++, C#.NET, Java, SQL,
ActionScript.

Development Platforms

Desktop, Tablet, Mobile,
Tabletop

Development Tools

Eclipse, Visual Studio, git,
Unity