

# Samrat Ambadekar

Design Prototyper & Interaction Designer

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## EDUCATION

### Georgia Institute of Technology

Aug 2012- May 2014

MS Human Computer Interaction

### University of Pune, India

Aug 2004 - May 2008

BE in Computer Engineering

## SKILLS

### Design

Interaction Design

Rapid Prototyping

Data Visualization

Sketching

Wireframes

Persona

Storyboards

Process Flows

Moodboards

### Programming

HTML

CSS

JavaScript

jquery

C#

Java

SVG

ActionScript

XML

JSON

### User Research

Contextual Inquiry

Usability Testing

Think Aloud

Personas

Focus Groups

## TOOLS

### Prototyping

Photoshop

Illustrator

After Effects

CorelDraw

Balsamiq

Axure

### Development

Eclipse

Visual Studio

git

## PROFESSIONAL EXPERIENCE

### Design Prototyper

Cox Communications

Oct 2014 - Present

Atlanta, USA

Rapid prototyping of designs and mocks for web and mobile.

Design and prototype menus, phone settings and services.

Attend usability studies to understand feedback and painpoints in the design. Answer them in next iterations.

Research and Design of user experience for home automation and home security.

Create visualizations to map user journey during hardware and software upgradation.

### Software Developer

Infosys Ltd

Sep 2008 - Jul 2011

Pune, India

Designed and developed customer facing apps for IPTV that were shortlisted amongst 10 best designs.

Improved cross platform interface consistency through usability analysis and testing.

Designed and executed functional tests that simplified application flow and improved performance.

Developed efficient backend services that impacted thousands of devices and users on client network.

### Software Intern

TechJect Inc

May - July 2013

Atlanta, USA

Analysed linux OS versions for deployment on robot drone called Dragonfly.

Worked with remote team for hardware specific OS customization.

### Consultant

Urban Genesis

Aug 2011- Jun 2012

Pune, India

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

## NOTABLE PROJECTS

### Github Visualization

2013 - 2014

D3.js, Three.js

Designed and developed an interactive visualization system that maps commit activity on GitHub. The visualization improved usability of existing graphs and allowed quicker analysis.

### EZ-Ballot

2013

Windows Tablet, C# .NET

Designed and prototyped a voting experience for visually and physically disabled voters. The design enabled target users to complete the voting process without taking external assistance.

### PeerSpot Augmented Reality App

2012

Wikitude AR browser, iPhone

Designed and developed an application that integrated transport services at Georgia Tech. The application used augmented reality to improve spatial understanding of school campus.

### IPTV App Development | 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.