# Sagar Mohite

+(91)-99043-80877

*sagar.mohite@live.com | http://www.seaflection.com*

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| **Profile** | An undergraduate with demonstrated ability to approach real world problems related to media arts and software design fundamentals. Perceptive to various usability and interaction design issues. Interested in data visualization. A fast learner, a full stack programmer and an artist. |

## Education

**Dhirubhai Ambani Institute of Information & Communication Technology, India.**
*Candidate for Bachelor of Technology in Information & Communication Technology.*

*CPI (after 7 semesters) :* 6.39/10

**Delhi Public School, Ahmedabad.**
*Central Board of Secondary Education, India*

*Class 12th:* 92%          *Class 10th:* 92%

## Key Projects

**Greener Me:** A data visualization experiment using Kinect and Unity3D. http://bit.ly/Grnme

**Myslite for Windows 8:** A Modern UI app for location aware interactive music discovery powered by Last.fm, Twitter and Bing Maps. http://bit.ly/myslite

**Sphero:** A personal virtual cloud to connect with real world objects. MIT Media Lab Design Innovation Workshop 2012. http://bit.ly/sphro

**WOWZAPP app for Windows Store:** A portal to manage a worldwide hackathon, co-developed with other students and mentors at Microsoft. http://bit.ly/wowzapp_sm

**MinTwit:** A native Twitter library for WinRT based apps for Windows 8. http://bit.ly/mintwit

**Mobile Application Development Spree**: Developed and deployed several applications for Windows Phone. http://bit.ly/appsfromssm

**Library** For image type-castings between WPF and WinForms. http://bit.ly/capiw

## Experience

**IBM Research**
*Research Intern (Software), Smarter Energy Group.*          *(January 2013 to present)*
Working on creating data-visualizations for tangible interfaces to represent data from an electrical grid in a typical demand-response scenario.

**The no2co2 project**
*Software Developer Intern.*          *(Summer 2012 and Winter 2011)*
Developed a carbon footprint minimizer and a GHG emissions calculator for Windows Phone. http://bit.ly/carbonchamp; http://bit.ly/carboncalcforwp7

**DA-IICT**
*Research Intern (Image Processing).*          *(Summer 2011)*
Implemented modified version of block matching in C#/MATLAB. http://bit.ly/FastBlkMat

**Central Himalayan Rural Action Group**
*Research Intern.*          *(Winter 2010)*
Conducted a research on cell phone technology penetration in rural Himalayan areas.

## Achievements and Activities

**Qualifier,** among the top 100 at the Imagine Cup 2012 Kinect Fun Labs Challenge.

**Participant,** MIT Media Lab, Design Innovation Workshop 2012, India.

**Microsoft Student Partner,** Developer and technology evangelist          *(2011 – Current)*

**Selected** as a proctor, Windows 8 Appfest, Bangalore 2012.

**Speaker,** MSTC developer sessions at DA-IICT.

**Design/Branding Head,** Youth Run, DA-IICT.          *(2012 and 2011)*

**Semi-finalist,** International Astronautical Congress.          *(2007)*

## Skills

Proficient in C,C++,C#, Java, Javascript, Python, HTML5, CSS3, XAML, Processing, MATLAB, SQL.

**Native Platforms:** WinRT, WinJS, .NET, Windows Phone, WPF, Android.

**Web:** Django, D3.js, Ember.js, Backbone.js, jQuery, Silverlight. Experienced in Twitter, Last.fm, Google & Bing Maps APIs. Windows Azure Mobile Services.

**Data:** MVVM/MVC patterns, Pgsql, LINQ to SQL, SQLite. **Creative:** Processing, openFrameworks, Kinect for Windows, openKinect. **Design Tools:** Adobe Creative Suite.