

Profile	A graduate student with demonstrated ability to approach real world problems related to media arts and software design. Perceptive to various usability and interaction design issues. Interested in data visualization. A fast learner, a full stack programmer and an artist.
Education	<p>New York University, Tisch School of the Arts. <i>Candidate for Master of Professional Studies in Interactive Telecommunications.</i></p> <p>Dhirubhai Ambani Institute of Information & Communication Technology, India. <i>Bachelor of Technology in Information & Communication Technology.</i> Cumulative Performance Index (CPI): 6.55/10</p> <p>Delhi Public School, Ahmedabad. <i>Central Board of Secondary Education, India</i> Class 12th: 92% Class 10th: 92%</p>
Key Projects	<p>Greener Me: A data visualization experiment using Kinect and Unity3D. http://bit.ly/Grnme</p> <p>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</p> <p>Sphero: A personal virtual cloud to connect with real world objects. MIT Media Lab Design Innovation Workshop 2012. http://bit.ly/sphro</p> <p>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</p> <p>MinTwit: A native Twitter library for WinRT based apps for Windows 8. http://bit.ly/mintwit</p> <p>Applications for Windows Phone. http://bit.ly/appsfromssm</p> <p>Library For image type-castings between WPF and WinForms. http://bit.ly/capiw</p>
Experience	<p>IBM Research <i>Research Intern (Software), Smarter Energy Group.</i> (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.</p> <p>The no2co2 project <i>Software Developer Intern.</i> (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</p> <p>DA-IICT <i>Research Intern (Image Processing).</i> (Summer 2011) Implemented modified version of block matching in C#/MATLAB. http://bit.ly/FastBlkMat</p> <p>Central Himalayan Rural Action Group <i>Research Intern.</i> (Winter 2010) Conducted a research on cell phone technology penetration in rural Himalayan areas.</p>
Achievements and Activities	<p>Qualifier, among the top 100 at the Imagine Cup 2012 Kinect Fun Labs Challenge.</p> <p>Participant, MIT Media Lab, Design Innovation Workshop 2012, India.</p> <p>Microsoft Student Partner, Developer and technology evangelist (2011 – Current)</p> <p>Selected as a proctor, Windows 8 Appfest, Bangalore 2012.</p> <p>Speaker, MSTC developer sessions at DA-IICT.</p> <p>Design/Branding Head, Youth Run, DA-IICT. (2012 and 2011)</p> <p>Semi-finalist, International Astronautical Congress. (2007)</p>
Skills	<p>Proficient in C,C++,C#, Java, Javascript, Python, PHP, HTML5, CSS3, XAML, MATLAB, SQL.</p> <p>Native Platforms: WinRT, WinJS, .NET, Windows Phone, WPF, Android.</p> <p>Web: Django, D3.js, Ember.js, Backbone.js, jQuery, Silverlight. Experienced in Twitter, Last.fm, Google & Bing Maps APIs. Windows Azure Mobile Services.</p> <p>Data: MVVM/MVC patterns, Pgsq, LINQ to SQL, SQLite. Creative: Processing, openFrameworks, Kinect for Windows, openKinect. Design Tools: Adobe Creative Suite.</p>