

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	<p>Dhirubhai Ambani Institute of Information & Communication Technology, India. Candidate for Bachelor of Technology in Information & Communication Technology. CPI (after 7 semesters) : 6.39/10</p> <p>Delhi Public School, Ahmedabad. Central Board of Secondary Education, India Class 12th: 92% Class 10th: 92%</p>
Key Projects	<p>Greener Me: A data visualization experiment using Kinect and Unity3D. http://bit.ly/Gnme</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>Mobile Application Development Spree: Developed and deployed several 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; SQL; XAML, HTML, CSS, Javascript, Processing, MATLAB.</p> <p>Platforms: WinRT, WinJS, .NET, Windows Phone, WPF, UNIX.</p> <p>Web: REST APIs (experienced in Twitter, Last.fm, Google & Bing Maps, Ember.js), Silverlight.</p> <p>Data: MVVM/MVC patterns, Pgsq (Npgsq), LINQ to SQL, SQLite. Creative: Processing, openFrameworks, Kinect for Windows, openKinect. Design Tools: Adobe Creative Suite.</p>