

# Yash Soni

**Citizenship : Indian • Date of birth : 05 October 1989**  
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## Contact

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## Profile

Inquisitive in Nature and always strive for inspiration and to learn from others. Flexible and versatile to work in deadline-driven environments. Composed and competent with demonstrated ability to easily transcend cultural and Global differences. Excellent mentoring and team-building skills. Takes active part in Research, Humanitarian and novel projects.

## Education

<b>2008-2012</b>	<b>Bachelors in Information and Communication Technology (GPA: 7.34/10)</b> Dhirubhai Ambani Institute of Information and Communication Technology, India
<b>2006-2007</b>	<b>SSC C.B.S.E (Percentage-95 PCM)</b> Kendriya Vidyalaya V.V Nagar, Anand, Gujarat, India
<b>2004-2005</b>	<b>HSC C.B.S.E (Percentage-86)</b> Kendriya Vidyalaya V.V Nagar, Anand, Gujarat, India

## Key Skills

<b>Expertise Area</b>	Algorithms, Data Structures, Software Engineering, Graphic Designing, UI Design
<b>Programming Languages</b>	Java, C , C#, Python, SQL, HTML, CSS, Javascript, .NET Framework
<b>Software</b>	Photoshop, Illustrator, Flash, 3DS Max, Maya, Matlab, Premiere Pro, Dreamweaver, Visual Studio, Microsoft Office, Unity 3D, Audacity, PostgreSQL
<b>Operating Systems</b>	Windows (XP, Vista, 7, 8), Fedora 10, Mac OS X 10.6, Android 2.3
<b>Languages</b>	English (proficient), Hindi (native)

## Work Experience

<b>Human Development Lab/ CMU-Pittsburgh (USA)</b>	<b>Internship</b>
<b>Research Scholar (JS, C#, Unity3D)</b>	<b>May to August, 2011</b>
<ul style="list-style-type: none"><li>✓ Kinesthetic Learning -Developed motion sensing games to gamify Textbook content;</li><li>✓ Mentored students and prepared software boot-camps to help new mentees;</li></ul>	
<b>USID Gurukul/ IITK(India)</b>	<b>Internship</b>
<b>User Experience Researcher (3Ds Max, Prototyping)</b>	<b>June to July, 2010</b>
<ul style="list-style-type: none"><li>✓ Developed 'Emergency Response Decision System' for handling emergency situations in Hospitals;</li><li>✓ Was one of the 48 students selected from all over India;</li></ul>	
<b>MILLEE/ IITH(India), CMU(USA)</b>	<b>Internship</b>
<b>Head Graphic Designer (Photoshop, JS)</b>	<b>May 2009 to December 2010</b>
<ul style="list-style-type: none"><li>✓ Created J2ME mobile games to enhance access to literacy among children of school-going age in the developing world;</li><li>✓ Helped in creating and successfully deploying 10 java games;</li><li>✓ Completed CITI training for 'Social &amp; Behavioral Research';</li></ul>	

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**Playpower/ DAIICT (India)****Engineering and Game Design Research Assistant (YY-CHR,NES)****Internship****February to October, 2010**

- ✓ Created 8-bit educational games;
  - ✓ Deployed the games in Ahmedabad, Bengaluru and Mumbai;
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**Projects****KinectoTherapy ([www.kinectotherapy.in](http://www.kinectotherapy.in))****Team Size: 2**

Designer, Developer, Animator (JS, C#, Unity3D,.NET, 3Ds Max, HTML,CSS)

**January to May, 2012**

- ✓ Rehabilitation System to aid patients with motor disorders using motion sensing exercise routines;
- ✓ Wide media coverage in News Papers, Journals and TV;
- ✓ Won 2<sup>nd</sup> prize in Microsoft Imagine Cup India in Software Design Category (Accessibility);

**Algorythmus ([www.algorythm.us](http://www.algorythm.us))****Team Size: 3**

Front End developer (JS, HTML, CSS, RWD, Bootstrap)

**December 2011 to April 2012**

- ✓ Created website to teach Algorithms using Interactive Techniques;
- ✓ Implemented Responsive Web Designing to make the website fit for any device;
- ✓ Helped in making the website browser compatible;

**Semantic Web****Team Size: 2**

Developer (RDF, PostgreSQL, Longwell, OWL)

**September to November 2011**

- ✓ Implemented RDF data stores based on partitioning techniques;
- ✓ Analyzed query execution performance;

**Space Recyclers****Team Size: 1**

Designer &amp; Developer (Panda3D, Python)

**August to October, 2011**

- ✓ Created 3D game using Panda3D game engine;
- ✓ Adjudged as the best game in a class of 120 students;

**DA-Live****Team Size: 10**

Designer &amp; Developer (ASP.Net, HTML, JS, SMS Gateway)

**January to April, 2011**

- ✓ Created website to club activities of college using Software Engineering Principles;
- ✓ Installed OZAKI SMS gateway to send periodic SMS notifications;
- ✓ Helped in implementing Intranet Search Engine using Terrier2.0;

**PC Remote****Team Size: 2**

Designer &amp; Developer (Matlab, RC5 Protocol, Audacity)

**October to December, 2010**

- ✓ Created software to use any TV remote to control Computer;
- ✓ Created algorithm to create remote specific files by studying RC-5 protocol using Matlab;

**Database design for Online Encyclopaedia****Team Size: 2**

Designer &amp; Developer (Oracle,SQL)

**September to December, 2010**

- ✓ Created back end design for Online Encyclopaedia;

**Freelancing Work**

Designer &amp; Developer (HTMS, CSS, JS, 3Ds max, Photoshop)

- ✓ Created websites for:
    - Personal Portfolio
    - KinectoTherapy
    - Algorythmus
    - Synapse 2011
    - Playpower Open-source Repository
  - ✓ Created Logo, Brochures, Posters, Business Cards, Pamphlets, Menu for Two Food Chains in Gandhinagar and IIM Ahmedabad;
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## Awards and Leadership

- Second Prize in Microsoft Imagine Cup India (National Level) in Software Design Category (Accessibility) (2012)
  - Was one among the 48 students selected from all over India for USID Gurukul (2010)
  - Stood First in Rangmanch (Drama) in DAIICT (2010)
  - Winner 100/10 challenge, DAIICT (2009)
  - Second prize in Gujarat state drawing competition (2005)
  - Won the Best Student Award for the Academic years of 2003-2004
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- ❖ Teaching Assistant for Study hours (Winter Semester) in DAIICT (2012)
  - ❖ Mentored students under ROWDI, a research project based at Carnegie Mellon, involving programmers and Students from universities and Schools across India and USA (2011)
  - ❖ Coordinator of 'Forage' event in Synapse (2011)
  - ❖ Head Web & Graphics designer of Synapse, annual techno-cultural festival of DAIICT (2009)
  - ❖ Part of Table Tennis team in school. Represented school in District level (2006)
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## Publications

- Derek Lomas, Kishan Patel, Dheeraj Medikonda, Darsh Shah, Yash Soni, Anshul Pahwa, Dixie Ching "Play Exemplars from Playpower.org" at International Academic Conference on Meaningful play, October 21-23, 2010, Michigan State University, Michigan.
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## Interests and Hobbies

- Playing Badminton and Table Tennis
  - Drawing, Digital Painting, Graphic Designing and 2D-3D Animation
  - Travelling
  - Calligraphy
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Declaration: The above information is correct to the best of my knowledge.

-Yash Soni

Dt. July 15, 2012