

Yash Soni

Citizenship : Indian • Date of birth : 05 October 1989
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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

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

Key Skills

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

Work Experience

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

Playpower/ DAIICT (India)**Internship****Engineering and Game Design Research Assistant (YY-CHR,NES)****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)****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 2nd prize in Microsoft Imagine Cup India in Software Design Category (Accessibility);

Algorithms (www.algorithm.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 & 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 & 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 & 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 & Developer (Oracle,SQL)

September to December, 2010

- ✓ Created back end design for Online Encyclopaedia;

Freelancing Work

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

- ✓ Created websites for:
 - Personal Portfolio
 - KinectoTherapy
 - Algorithms
 - 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

 - ❖ 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