Yash Shah

Curriculam Vitae

✆ +91 80 00 059 585
✉ mail@yashshah.com
🖳 http://www.yashshah.com
November 29, 1993

Education

2011–2015   **B.Tech** in Information and Communication Technology, *Dhirubhai Ambani Institute of Information and Communication Technology*, Gandhinagar (Gujarat), CGPA *7.96*.

2011   **XII**, *Central Board of Secondary Education, Gujarat Public School*, Vadodara, *90.67%*.

2009   **X**, *Central Board of Secondary Education, Gujarat Public School*, Vadodara, *86.67%*.

Experience

August,2012– Present   **Open Source Contributor**, *KDE*.
Active Developer in Simon - an Open Source Speech Recoginition software

May,2012– August,2012   **Contract Developer, Google Summer of Code**, *KDE*.
Worked on Improving Speech Recognition using Computer Vision in Simon

2008–2011   **Freelance Developer**.
Developed a wide range of Static and Dynamic websites and also Desktop applications

Projects

Title   **Multimodal Accessibility: Using Computer Vision to Improve Speech Recognition in Simon**.

Description   A major obstacle for command and control speech recognition systems is to differentiate commands from background noise. This project, using computer vision, determines when to activate / deactivate the sound recognition using visual cues. The speech recognition is activated only when the user is actively looking at the screen and is speaking something. This resembles the day-to-day communication between human beings since a conversation is carried out by talking to each other face-to-face and any other unwanted voice inputs are not accepted.

Title   **Virtual Dancing Floor**.

Description   It is a Dynamic dance floor in which the computer, using a webcam, controls the volume of the music depending on the dance movements. If the person is dancing with full intensity, then volume will increase and when the dance movements are slow, then volume will decrease accordingly. This project also takes into account, the number of people on the dance floor and adjusts the volume accordingly.

Title   **Tracking Finger Movement to move Cursor**.

Description   Depending on the position of the fingers, this project, using a webcam, allows user to move the cursor on the screen. The cursor follows the movement of the fingers. It has many applications like using it for drawing on the screen, using it as a mouse, tracking gestures, etc.

Positions of Responsibility

○ Founder/Lead, Google Developer group, DA-IICT
○ Core Member, Student placement Cell, DA-IICT
○ Co-ordinator, Synapse 2012(Cultural fest), DA-IICT
○ Promoter, Spoken Tutorials by IIT Mumbai, Vadodara District

Achievements and Activities

○ Selected for Google Summer of Code 2012 in B.Tech First year
○ Participated as KDE Accessibility team member in Randa Meeting 2012, Switzerland - Code Sprint of KDE
○ Attended the Akademy 2012, Europe - The annual world summit of KDE and also presented my GSoC project.
○ Selected for National level mathematic olympiad in XI, topped in the Vadodara city in the regional round
○ Writing programs since the age of 12

Skills

○ Proficiency in writing real-world applications and good experience of working in teams
○ Rapid and efficient in reading and understanding code
○ Good at grasping, learning and using new technologies and programming languages

Progamming Languages	**C, C++, Qt framework**. Familiar with Python, C#, VB, Java, .NET framework
Web Technologies	**HTML, CSS**. Familiar with HTML5, CSS3, Javascript, JQuery, PHP, XML, ASP.NET
Version control	**Git**.
Build tools	**CMake**.
Database	Familiar with MySql.

Hobbies

○ Travelling
○ Following different blogs

Sports	Cycling, Basketball, Cricket, Table tennis, Badminton, Football.

Relevant Links

Github	https://github.com/yashshah
Youtube	https://yashshah.com/youtube (a few project demos are available)
GSOC 2012 Proposal	https://yashshah.com/gsoc2012