Shuchit Gandhi

Dhirubhai Ambani Institute of Information and Communication Technology

Email: 201301441@daiict.ac.in   **DOB:** November 03, 1995

Address: C-208, HOR Men, DA-IICT, Gandhinagar

EDUCATION

Degree	University/Institute	Year	CPI/ Aggregate
B.Tech. Honours (Minor in Computational Science)	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat	2013-17	9.01
Intermediate/+2	Sathaye College, Mumbai (Maharashtra) Maharashtra State Board of Secondary & Higher Secondary Education	2012-13	90.50%
High School	Smt. H.M.N. English High School, Mumbai (Maharashtra) Maharashtra State Board of Secondary & Higher Secondary Education	2010-11	95.27%

SKILLS

Expertise Area/ Area(s) of Interest	High Performance Parallel Computing, Machine Learning, Database Management Systems, Algorithms, Mobile App Testing Automation (Quality Assurance), Continuous Integration, Application Development
Programming Language(s)	C, C++, Ruby, Swift, Python, Javascript, SQL, PostgreSQL, MongoDB
Tools and Technologies	MPI, OpenMP, Matlab, Github, Appium, Selenium, RSpec, UIAutomator, SauceLabs, Xcode, LT Spice, Adobe Photoshop, Rails

PROFESSIONAL EXPERIENCE/INTERNSHIPS

Rural Internship	People's Science Institute, Dehradun Guide : Prof. B.N.Hiremath	(December, 2014) Team Size - 4

Conducted a survey about the accessibility of government schemes and other basic necessities in flood affected regions of Uttarakhand.

Analysed the results of survey and proposed a well defined solution for the welfare and benefits of the people and increase their standard of living.

Industrial Internship	Areysun Online Private Limited Guide : Nikit Saraf	(May, 14 – April, 15) Team Size - 1

Front end web development - Built the optimised and responsive landing page for Areysun (www.areysun.com)

Set up the workflow for the Areysun Android Application testing using open Source "Appium" for mobile automation and RSpec for testing.
Also, implemented the first few acceptance test for the same.

Research Internship	Dhirubhai Ambani Institute (DA-IICT) Guide : Prof. Amit Bhatt	(May, 15 – June, 15) Team Size - 6

Setup a distributed network system that allowed a process running on one computer to be distributed on several computers and later to be implemented on Qualcomm boards.

Made a python wrapper that handles all the request to distribute the process across various computer system and maintain a queue for those computers requesting to distribute processes.

Industrial Internship	Playpower Labs Guide : Derek Lomas, Kishan Patel	(August, 15 – present) Team Size - 10

iOS Application Development - Built the iOS application for Playpower Labs. The application is a learning application developed for the corporates.

Setup backend structure in NodeJS using mongoDB as the main database and services like LoopBack and GraphQL.
Also, Automate the platform for content creation required for the application

PROJECTS

Motion Sensor Controlled Car   (Feb, 14 – April, 14)
                                                                 Team Size - 10

Guide : Prof. Sanjeev Gupta

Developed a Motion sensor remote controller which is wirelessly used to trigger the different functions of the car

3 Band Audio Equaliser   (Jan, 15 – April, 15)
                                                                 Team Size - 3

Guide : Prof. Rutu Parekh

The project aimed to create a 3 band audio equaliser to control the volume levels of three different frequency bands bass, mid and treble. The project had input output ports compatible with 3.5mm jacks to increase the compatibility to standard audio devices.

Positions of Responsibility

Software Developer, Playpower Labs	(August, 15 - present)
Software Developer, Areysun Online Private Limited	(May, 14 -April, 15)
Elected Member, Academic Committee	(Mar, 14 – present)
Event Coordinator, I. Fest 2014	(Oct, 14 - Nov, 14)
IEEE Board Member, IEEE IAS SB DA-IICT, Gujarat Section, R-10	(Feb, 14 - April 15)
Committee Member , ACM, DA-IICT Chapter	(April, 14 - present)
Volunteer of Synapse, Cultural Festival, DA-IICT	(Feb, 14 – Mar, 14)
Volunteer of I-fest, Technical Festival, DA-IICT	(Oct, 13 – Nov, 13)

Awards and Achievements

- Won Prize in Blind C coding competition, Event at DA-IICT-2013
- Won Prize in I.Quiz competition, Event at DA-IICT-2013
- State Level Cricket Player (Maharashtra)

Interests and Hobbies

Lawn Tennis, Swimming, Reading, Cricket, Football, Music