

Saheb Motiani

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Education

2010-2014	Dhirubhai Ambani Institute of Information and Communication Technology(DA-IICT) Gandhinagar (Gujarat) B.Tech. Information and Communication Technology - CPI 7.99/10 (till 5 th Semester)
2008-2010	St. Xavier's Loyola Hall, Ahmedabad (Gujarat) Gujarat State Board - 81.40 % (aggregate)
2006-2008	St. Kabir School, Ahmedabad (Gujarat) Gujarat State Board - 89.08 % (aggregate)

Skills

Expertise Area	Data Structures, Algorithms, Programming, Probability, Graphs, DBMS.
Programming Language	C, C++, Java, Python, Android.
Tools and Technologies	Eclipse, Codeblocks, SVN, Git, Python-IDLE.

Internship

Google Summer of Code 2012	ASCEND (http://ascend4.org/) Guide: Prof. John Pye(Australian National University) and Prof. Kannan Moudgalya(IIT-B) (Apr – Sept 2012) Team Size - 1 Created Custom Icons for Blocks in ASCEND's Canvas Based Modeller, using Gaphas in python. It enriched user experience, they could just drag-drop icons and get their code ready. http://ascend4.org/User:Saheb
Rural	Panchasar Primary School (Dec 2011) Guide: Prof. Ganesh Devi Team Size - 2 Taught students fundamentals of basic tools used in computer which included notepad, paint and Microsoft Office.

Projects

Code'm Poker

(Nov – Dec 2011)

Guide: Prof. Rahul Muthu

Team Size- 3

Created a poker player i.e. a Java program which plays poker and gives decisions based on varying situations. It also makes analysis of previous moves of other players.

RSA Cryptography

(Mar – Apr 2012)

Guide: Prof. Sanjay Chaudhary

Team Size- 1

Created a program which can send messages cryptic using RSA algorithm from one machine to another. It involved generation of huge prime numbers, multithreading and concept of message sending. Language used was C.

TrackShare – Music Library Database with Networking.

(Aug – Nov 2012)

Guide: Prof. P.M.Jat.

Team Size- 3

Designed a database schema, created ER diagrams, implemented triggers in Postgres SQL and interfaced it using Java Database Connectivity (JDBC).

Positions of Responsibility

- Speaker, Problem-Setter of Programming Club, DA-IICT (July 2012 - Present)
- Deputy Convener Of Student Placement Cell, DA-IICT. (Oct 2012 - Present)
- Among 19 core developers, ASCEND. (Jan 2012 - Present)
- Co-ordinator, [I-Fest](#), Annual festival of DA-IICT IEEE student branch. (Oct 2011)

Awards and Achievements

- Codechef Global Ranking – 767 ([hackername - sahebrm](#))
- Interview Street Global Ranking – 741 ([hackername - saheb](#))
- ACM ICPC Amritapuri Regional Ranking – 81st among 258 top teams of India. ([Team Name - deathcoders](#)).
- Secured 510th rank in International Mathematics Olympiad with 95.09 percentile
- Among top 150 programmers of India in [National Programming League](#), NIT Warrangal 2012.
- Among top 2 programmers in iCode, in I-Fest 2012.
- Finalists of India Poker Championship held in Mood Indigo 2011 at IIT Bombay.
- Won the Tech Imagine Event in [Synapse, Techno-cultural Fest](#) of DA-IICT 2012.
- Runner up Rekriti – Innovative Grass root Idea Event in Synapse 2012.
- Member of College Cricket Team.

Recommendations

- *John Pye – Professor at **Australian National University** recommends my work [here](#).*

Interests and Hobbies

I love reading novels, playing cricket & soccer, cycling, poker, learning guitar, open source programming and blogging at <http://samthelearner.blogspot.com/>.