Saheb Motiani

Dhirubhai Ambani Institute of Information and Communication Technology

Email: motiani_saheb@daiict.ac.in   **DOB:** June 21, 1992

Address: D310, Hall Of Residence Men, DA-IICT, Gandhinagar.

EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
B.Tech. (ICT)	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat.	2010-14	8.10
Intermediate/+2	St. Xavier's Loyola Hall, Ahmedabad, Gujarat. Gujarat State Board	2008-10	81.40%
High School	St. Kabir School, Ahmedabad, Gujarat. Gujarat State Board	2006-08	89.08%

SKILLS

Areas of Interest	Artificial Intelligence, Machine Learning, Semantic Web, Graph Theory, Game Theory, Multi Agents Systems, Data Structures and Algorithms, Real Time Web Applications.
Programming Languages	C++, Python, Java, JavaScript.
Tools and Technologies	Eclipse, Natural Language Tool Kit – Python, Scrapy- Python Web Scraping Framework, Emscripten – C/C++ code to JS, Git, SVN,ExtJS
Technical Electives	Introduction to Algorithms, Web Data Management, Operating Systems, Web Programming, Graph Theory, Introduction to Information Retrieval, DBMS.

INTERNSHIPS

Morgan Stanley   **Technology Analyst Intern**.   (Jan, 2014 – June, 2014)
Team : Institutional Securities Group Technology(ISGT)
Developing a generic framework to make applications faster.
Working with ExtJS, Java, Spring Framework, MVC Archictecture, SQL Database.

Google Summer of Code 2013   **Open Graph Drawing Framework (OGDF)**   (June,2013 – September, 2013)
Guide : Christoph Schulz and Jr. Prof. Markus Chimani   Team Size -1
Project – Porting OGDF to Web as OGDF.js
Use Emscripten to convert OGDF C++ code base to JS.
Creating a nice demo page with examples showing key features of OGDF. **Language - JavaScript, C++ and Python.**

PROJECTS

Poker Bot (December,2012)
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 and changes strategy accordingly.

Poke2Bluff (February, 2013 – April, 2013)
Guide : Prof. Mansukh Savalya Team Size – 3
A card based multiplayer real time web app. It is based on bluff, poker and game
theory. It is based on client server architecture and uses JavaScript (JQuery,
Paper.js), PHP, HTML and CSS. AJAX was primarily used to ensure real time
synchronization.

RSA Cryptography (March,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.

Positions of Responsibility

Head of Programming Club, DA-IICT. (May, 2012 – May, 2013)
Deputy Convener of Student Placement Cell, DA-IICT. (Oct 2012 – Nov 2013)
Organizer, I-Fest, Annual Technical Festival of DA-IICT IEEE Student Branch. (October 2011)

Awards and Achievements

- **ACM ICPC Amritapuri Regional Ranking – 81st among 258 top teams of India**.
- **IEEE Extreme 2013 - Rank 485(Global) and Rank 62 (India).**
- 1st prize in Felicity, musical dance show in Synapse, 2013, Techno-cultural festival of DA-IICT.
- Secured 510th rank in International Mathematics Olympiad with 95.09 percentile.
- **Among top 150 programmers of India in National Programming League, NIT Warrangal 2011**.
- 3rd prize in 10/100 challenge organized by the **DA-IICT Centre for Entrepreneurship and Incubation**.
- Among top 2 programmers in iCode, in iFest 2012, IEEE, DA-IICT.
- 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.
- Decent rank on Codechef Global Rank – among top 1000.
- Vice Captain of College Cricket Team.

Interests and Hobbies

Reading Novels, Philosophy, Blogging (samthelearner.blogspot.com), Programming, Travelling, Playing Guitar
and Harmonica, Country Music Fan, Playing Cricket, Carrom and Poker.