**Saheb Motiani**

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**EDUCATION**

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| **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**

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| **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**

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| **Morgan Stanley** | **Technology Analyst Intern**.  **Team : Institutional Securities Group Technology(ISGT)**  Developing a generic framework to make  applications faster.  Working with ExtJS, Java, Spring Framework, MVC Archictecture, SQL Database. | (Jan, 2014 – June, 2014) |
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| **Google Summer of Code 2013** | **Open Graph Drawing Framework (OGDF)**  **Guide :** Christoph Schulz and Jr. Prof. Markus Chimani  **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.** | (June,2013 – September, 2013)  Team Size -1 > |
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**PROJECTS**

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| **Poker Bot**  Guide : Prof. Rahul Muthu | (December,2012)  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**  Guide : Prof. Mansukh Savalya | (February, 2013 – April, 2013)  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**  Guide : Prof. Sanjay Chaudhary | (March,2012)  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**

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| 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.