

# Sujeet Gokul Gholap | CS09B010

## Indian Institute of Technology Madras



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### EDUCATION

| Program                                    | Institution                                    | %/CGPA                                   | Year of completion |
|--|--|--|--------------------|
| B Tech in Computer Science and Engineering | Indian Institute of Technology Madras, Chennai | 9.46<br>(3 <sup>rd</sup> in class of 51) | 2009-Present       |
| XII  | Vijay Ratna Junior College, Hyderabad          | 96.7                                     | 2009               |
| X  | Vidya Bhavan High School, Kallam, Maharashtra  | 92.46                                    | 2007               |

### SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 184** in the Joint Entrance Examination 2009 for entrance into the IITs.
- Was one of six second-year students in IIT Madras to receive the **Singapore Technologies Scholarship 2010**.
- Received Institute Merit Certificate for praiseworthy performance in JEE 2009.
- Was part of the **five-member team** representing India in the **International Olympiad of Astronomy and Astrophysics 2009** and won a **Silver Medal**.
- Received merit certificate for scoring among the **top 1%** students for **Indian National Physics Olympiad 2009**.
- Recipient of **National Talent Search Scholarship** (2008 batch).
- Topped** Maharashtra Talent Search Examination (2006).

### COURSE WORK (\*- ONGOING)

- Introduction to Machine Learning \*
- Operating Systems \*
- Language Translators \*
- Paradigms of Programming \*
- Introduction to Database Systems \*
- Probability and Statistics
- Discrete Mathematics for Computer Science
- Switching Theory and Digital Design
- Basic Graph Theory
- Computer Organization
- Principles of Communication
- Data Structures and Algorithms
- Languages, Machines and Computation

### LABS (\*- ONGOING)

- Operating System Lab \*
- Language Translation Lab \*
- Assembly Language, Digital Logic Labs
- Programming Labs

### SKILLS

- Languages I have used : C, C++, Python, Java, Scheme, assembly language for IA-32 architecture
- Text Editors I am comfortable with : Emacs, Vim, Eclipse
- Web Development Tools : HTML, CSS, PHP, JavaScript, Django, MySql
- Comfortable working in Linux and Windows environment.

### PROJECTS

- UserPortal for Shaastra 2010 (Summer 2010)
  - Shaastra is the annual technical festival of IIT Madras.
  - The project involved designing a web based portal for participants to register for various events.
  - The portal also supported hosting online competitions for various events.
  - The portal was used for managing the participant selection, providing accommodation as well as tracking prize money and certificates.

- UserPortal was written using the Django framework (python).

## PROFESSIONAL EXPERIENCE

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- Internship – Research Engineers Group, Yahoo! Labs, Bangalore (Summer 2011)
  - News personalization based on social media data of user.
  - Involved Machine Learning and Information Retrieval techniques.
  - Twitter data was used to build user interest profile and accordingly match and rank news articles.
  - 87% precision was achieved for top 10 news articles.

## POSITIONS OF RESPONSIBILITY

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- Internship Representative, CSE Department, IIT Madras (May 2011- ongoing)
  - Responsible for contacting companies and helping in the intern hiring process.

## CO-CURRICULAR ACTIVITIES

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- Attended the Yahoo Summer School on Information Retrieval 2011 at the Indian Institute of Science, Bangalore. Applied the concepts learnt to internship project.
- Was part of a team of four that **won second place** at Yahoo HackU! - an institute-wide hacking event conducted by Yahoo! India.
- Was part of a team of four that **won first place** in Pentathlon - an multidisciplinary event at Shaastra-2010
- Set problem statement, developed necessary games and judging framework for AI bot-wars contests for Shaastra and Exebit (department annual technical festival).
- **Placed second** in multi language programming contest in Exebit.

## EXTRA-CURRICULAR ACTIVITIES

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- Volunteer of National Service Scheme (NSS) (2009-10)
- Student Chief of school National Cadet Corps (NCC) (2006-07)

## OBJECTIVE

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- To secure a research / applied research internship and explore my interest in research.