D V Deepankar Reddy   09005060

Computer Science & Engineering   **UG Second Year**

Indian Institute of Technology, Bombay   **Male**

Specialization: Computer Science   **DOB: 14 Dec 1991**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2010	9.53

Scholastic Achievements

- Secured **ALL INDIA RANK 63** in **IIT JEE** out of 4 lakh students
- Secured **ALL INDIA RANK 20** in **AIEEE** out of 11 lakh students & got scholarship for the same
- Awarded **GOLD MEDAL** in **Indian National Physics Olympiad** for being in top 35 in the country
- Awarded certificate of merit for being in the top **1%** in **Indian National Chemistry Olympiad**
- Selected for the **National Initiative on Undergraduate Science (NIUS)** camp held at **HBCSE** for **Physics** and also secured a project under the same in the field of **Quantum Physics**

Key Course Projects

- **15 Puzzle or Sliding Puzzle Solver (in SCHEME):-**   Guide:-*prof. Amitabha Sanyal*
  - Implemented the **A* algorithm** for solving and getting the puzzle in minimum number of moves and made several optimizations for making it faster
- **Mini Uid project (in C++ language):-**   Guide:-*prof. Deepak B Pathak*
  - Implemented and Optimized the **Zhang & Suen algorithm** for thinning the fingerprints obtained and analyzed them for minutiae and produced the unique id
- **NIUS Project (Physics):-**   Guide:-*prof. Prashanta Panigrahi*
  - Currently got allocated the project of Quantum Tasks through continuous variables states

Areas Of Interest

Algorithms, Probability, Theoritical Computer Science, Cryptography, stochastic processes

Computer Skills

- C++, Java, Python, MIT Scheme, HTML, CSS, PHP, Latex, MatLab,Java script
- Operating Systems:- Windows, Linux

Courses Undertaken (Imp only)

Data Structures & Algorithms*, Discrete Structures*, Abstractions and paradigms, Design & Analysis of Algorithms*, Automata Theory & Logic*, Software Systems lab*, Introduction to Probability (Minor: Statistics & Informatics)*

*courses are being taken this semester and Next Semester (Before Intern)

Position Of Responsibility

- Working as a Coordinator Of Exhibitions **Techfest-2011***(technical fest of IITBombay)*
- Worked as a Organizer of **Techfest-2010** & **E-Summit-2010** Of E-Cell *IITBombay*

Extra Curricular & Hobbies

- Selected for NSO Hockey in the first year and currently trying to get into the hostel team
- Very interested in solving the programming problems in the internet on several sites such as Top Coder, SPOJ , UVA Online Judge, Project Euler and the previous ACM ICPC problems

Decleration

I hereby declare that the information given above is true to the best of my knowledge, as of September 2010

D V Deepankar Reddy