Praneeth A S

B.Tech, Computer Science & Engineering(**4**th year)
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Academic Qualifications

Year	Board/Degree	School/Institution	CPI (/10)/Percentage (%)
2011 - Present	B. Tech(**5**th Semester)	IIT Jodhpur	8.81
2011	Intermediate Board, AP	Narayana Junior College, Hyderabad	95.1
2009	CBSE Board	Jindal Vidya Mandir	97.8

Areas of Interest

Algorithms	Programming
Graph Theory	Computer Networks

Course Projects

Sudoku Solver | Artificial Intelligence | *Dr. K R Chowdhary* | 6th *Semester*	Various artificial intelligence techniques like backtrack, genetic algorithms, simulated annealing were used to solve Sudoku trying to reduce time and search space for larger dimesion sudoku's.
XML Parser | Java | *Dr. Gaurav Harit* | 6th *Semester*	Software parses an XML Document for syntax errors & spelling errors. Draws XML Tree with options for modification, redrawing tree & dumping back to XML.
Air Traffic Control Software | Python, Pygame | *Dr. Gaurav Harit* | 5th *Semester*	Organize aircraft arrival to runway. Ensure no collisions occur, organize and expedite the flow of traffic, and provide Information and other support for pilots.
Matrix Multiplication | 8085 | *Dr. K R Chowdhary* | 5th *Semester*	Implemented multiplication of matrices m $\times$ n & n $\times$ p.
Properties of Hamming Graphs | Discrete Mathematics | *Dr. Bibhas Adhikari* | 4th *Semester*	Studied properties such as eulerian graph, connectivity, regularity, diameter etc.,
ATM Interface | C | *Dr. Ashutosh Dwivedi* | 1st *Semester*	Non-GUI style interface for ATM transactions like printing transactions, keeping record of transactions in a separate log file etc., Libraries used - <unistd.h>, <time.h>
Graph Algorithms | Algorithm Design | *Dr. Anupam Gupta* | *Summer 2013*	Awakening a swarm of robots given an awakened robot. Time Complexity: $\Theta(n^2 \log n)$. Assumptions: Positions of sleeping robots known.

Intern

USB | Vaisakh N | AllGo Embedded Systems | Summer 2014	

Technical Skills

Programming Languages	C, Java, Python, Latex
Microprocessor	8085
Platforms	Windows 8/7, Ubuntu
Softwares	Matlab 2013a(Basics), Microsoft Office 2013
Client Side	HTML, CSS3, PHP, Bootstrap 3
Server Side	jQuery, SQL, MySQL
IDE	Eclipse

Courses

Programming and Data Structures in C	Introduction to Electronics	Linear Algebra
Differential Calculus	Complex Analysis	Probability and Statistics
Data Structures and Algorithms(I & II)	Discrete Mathematics	Introduction to Logic
Software Engineering	Computer Organization	Theory Of Computation
Computer Networks	Operating Systems	Artificial Intelligence
Principles of Database Systems		

Leadership Skills

2013 - 2014	Member of Mess Management Committee
IGNUS Fest 2013	Core Team Member, Taj IITJ Conclave

Achievements

Year	Achievement
2013	Qualified for final round in Web craft event organized by IGNUS, A tech-cult fest of IIT Jodhpur
2011	Rank **3763** in IIT-JEE 2011 among 4.8 lakh students.
2009	Merit Certificate for obtaining the highest marks in **Social Sciences, English & Science** in CBSE X Board
2009	CBSE National Level Science Exhibition: Water Conservation Model at home(Won at Regional Level Exhibition)