	ANUSH VEERANALA	09005055
	Computer Science & Engineering	**UG Third Year (B.Tech.)**
	Indian Institute of Technology, Bombay	**Male**
		DOB: 18th March,1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	6.64
Intermediate/+2	BIE Andhra Pradesh	Sai Vikas	2009	94.90
Matriculation	AP SSC Board	Sri Krishnaveni Talent School	2007	90.00

ACADEMIC ACHIEVEMENTS

- Secured 545 rank (top 0.1%) in IIT-JEE 2009
- Secured 105 rank in AIEEE-B.Arch 2009
- Secured 722 rank (top 0.07%) in AIEEE-B.Tech 2009

INTERNSHIPS

Company:Yabuca ,Houston, TX, USA (online work)
- Selected by a week long test.Worked on Development(fixing bugs) of yabuca.com website.
- Worked with Ruby on rails,Mysql,javascript,css,html

company:Recharge123,Mumbai
- Implemented chat using nodejs and sessions with php.
- Worked on php,javascript,nodejs,mysql

Research Internship: Image Processing(Guide: Prof B.K.Mohan,IIT Bombay)
- Worked on Fast Connected Component Labeling Algorithm using A Divide and Conquer Technique by Jung-Me Park, Carl G. Looney, Hui-Chuan Chen in C++ which will be used in Image Segmentation .
- Worked on Context Based Classification by Probabilistic Relaxation Labelling Project by Peleg and Rosenfeld in C++
- Used Shell scripting to combine the whole Watershed Project

COURSE PROJECTS

Pranali OS simulation(Guide: Prof DMDhamdhere,Course project in C)
- Implemented simulation of Operating System with complete file system and virtual memory management.

TA Allocation (Guide: Prof Sudarshan,Course project)
- Used PostgreSQL , JDBC for implementing TA allocation with sessions for Teaching assistants and Professors.

Steganography(Guide: Prof Om Damani,Course project in C++)
- Worked on manipulation of least significant bits of pixels of an image file to hide text.
- Used Huffman Encoding,Decoding by storing coded text and Huffman code in the image.
- Program can write information to images without distortion of image and can read the

information from the image only if there is information in that image which is written by our program

Sudoku Generator and Solver(Guide: Amitabha Sanyal,Course project in Scheme)
- Worked on Sudoku game generator and solver by strategies:backtracking,candidate line, column-interchange,common-solution,double-pair,interchange,mutation,naked-pairs,single candidate,single-position
- Programmed code to generate sudoku of 3 different levels in graphical interface.

UID(User Identification Device)(Guide: Deepak B Phatak,Course project in C++)
- Digitized a fingerprint image into XML file and smoothened it using Gauss method
- Worked on finding patterns in the grey scale image

Image Statistics(Guide:Prof S.S.Gedam and Prof B.K.Mohan,Minor Course project in Python)
- Worked on generation of image statistics for several types of images.

POSITION OF RESPONSIBILITIES

- Was an active member of National Social Service team of IIT Bombay in the year 2009
- Worked as an organiser and co-ordinator for E-Cell,IIT Bombay.
- Worked as an organiser for Techfest,IIT Bombay

SOFTWARE SKILLS

- Programming Languages : C,C++,Python,Scheme,Java(beginner)
- Scripting Languages : Shell Scripting
- Web Programming : ruby on rails,php,nodejs,javascript,css,html
- Software Tools : Emacs,Drscheme,Scilab,JDBC
- Database Management : Mysql,postgresql
- Operating Systems : Several versions of linux,Windows

MISCELLANEOUS

- Scored 97.5% in XI (Intermediate Public Examinatin Andhra Pradesh).
- Went to field trip to observe village life at Kapshi,Satara (as a part of National Social Service) .
- Other activities:playing Badminton,Tennis,Table Tennis,Swimming,Trekking .