KUMAR BHARATH P   B.TECH

Branch   : COMPUTER SCIENCE
Gender   : MALE
Reg. No.   : 06CO33
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PRESENT ADDRESS	PERMANENT ADDRESS
#A103, MEGA BLOCK, NITKS HOSTELS, NITK SURATHKAL, SRINIVASNAGAR, MANGALORE - 575025	#1154, 2ND CROSS, LALITHADRI ROAD, G & H BLOCK, KUVEMPUNAGAR, MYSORE - 570023

B.TECH   DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	8.79	8.79
SEMESTER 2	MAY 2007	8.83	8.81
SEMESTER 3	DEC 2007	8	8.56
SEMESTER 4	MAY 2008	8.29	8.49
SEMESTER 5	DEC 2008	7.92	8.38
SEMESTER 6	MAY 2009	7.96	8.31

PRE DEGREE, 10+2th, 10th DETAILS

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	MANASAROWAR PUSHKARINI VIDYASHRAMA MYSORE	CBSE	2004	93.8
XIIth	SADVIDYA COMPOSITE PRE UNIVERSITY COLLEGE MYSORE	KARNATAKA STATE BOARD	2006	88

SUPPLEMENTARY INFORMATION

EXTRA CURRICULAR ACTIVITIES

I am a NTSE scholar. National Talent Search Exam is held every year for class 10 students and is given only to the best 1000 students throughout the country.
In class 10, I got a merit certificate from Central Board of Secondary Education for being in the top 0.1% in the country in Science.
I am a member of the NITK Chess Club.
I am a core member of NITK IEEE and am actively involved in planning and organizing events conducted.
In 2007 at Engineer (National Technical Symposium of NITK) I was one of the finalists in the Star Wars event which was an Astronomy Quiz.

ABOUT MYSELF

I am an optimistic, strong willed person with a calm mind.
I am a persistent individual and failure doesn't deter me from trying to achieve what I want to achieve.
I am not egocentric, and am open to ideas and look to improve always.
I work hard to achieve my goals.

One area in which I think I should improve is Time Management.

CO-CURRICULAR ACTIVITIES

EXTERNAL PROJECTS
May-July 2009:
Advisor: Dr. Chandra Murthy, ECE, IISc
Topic: Simulation of Cognitive Radio Networks
I worked at the Electrical Communication Engineering (ECE) Department, Indian Institute of Science, Bangalore. I worked on simulating a Cognitive Radio (CR) Network which can coexist 802.11 and 802.15.4 networks. The goal of the project was to simulate a simple CR network on NS2 (Network Simulator 2 - A popular simulator used for simulating and studying various networks) and study various efficacy of the CR in achieving its goal of not interfering with the Primary Network's Transmission. Some basic expected results were verified. The final aim of the project is to show that a CR network can crash a primary network and thus make modifications to ensure this doesn't happen.

May – July 2008
I worked at National Institute of Advanced Studies, Indian Institute of Science, Bangalore, India.
Advisor: Dr. Timothy Poston, NIAS, IISc
Topic: Context Based Data Mining (Natural Language Processing)
The work was to make a software to give an easy way of browsing through large documents by providing a summary of the document. A demo of this software was given in a Swiss Company. The software works for large documents including books, journals, etc and is compatible with Microsoft Office 2007 xml format.
During the summer of 2008 (May-July), I also worked at the electronics and embedded systems lab, Instrumentation Department, Indian Institure of Science, Bangalore. I built a temperature monitor for aircraft wings. I also learnt to program to program and implement a wireless communication system using Radio Frequency modules under the guidance of Professor Ramgopal.S.

ACADEMIC PROJECTS
As part of "Software Engineering Lab" course, I developed a Network Traffic Analyzer which can be used to capture packets being handled by a host and analyze them. The project was done in

CO-CURRICULAR ACTIVITIES

Java (Netbeans IDE).

In the 5th Semster, for the "Operating Systems" Course, I developed a ssh like program. It also had a file transfer feature similar to ftp. The program was fully written in C.

In the 5th Semester, as part of the course "Database Systems Lab", I developed a tourist website with various features. The website was coded in PHP and MySQL.

For "Computer Graphics Lab" course, I developed a simple "Snake" like game in the 4th Semester.

REFERENCE 1 :

Dr. Timothy Poston, National Institute of Advanced Sciences, Indian Institute of Science, Bangalore

REFERENCE 2 :

Dr. Chandra Murthy, Electrical Communication Engineering Department, Indian Institute of Science, Bangalore