

Curriculum Vitae



Vishal B Annapurve

Third year undergraduate
Computer Science & Eng.
Indian Institute of Technology,
Kanpur.

Room no : I105/V
IIT Kanpur.
Email : balaji@iitk.ac.in
contact:+919984794732

Statement of Purpose

I aspire for summer Internship , where I can practice my skills & work upon the current commercial problems to gain experience & knowledge.

Key Projects

1. Web based Database management under Prof. Arnab Bhattacharya . (Summer 08)
 - In this project ,a web based Biological database was designed using PHP and Oracle(sql)
 - Database stored the images and related information and an user friendly interface was designed to perform every possible query that can be performed by an user.
 - Every user was given his own space i.e. own profile .The user can decide about which images he/she wants to share and which he does not .
 - The issues of web security & file uploading were also studied .
2. Pascal Compiler under Prof Sanjeev K Agarwal: (Jan 09 – till now)
 - In this project , we are designing a pascal compiler using lex and yacc and C as an implementation language ,in a group of four people.
 - The project is implemented in five phases : lexical ,syntax , semantic , intermediate code generation and final back end machine code generation .
3. Extension Of Nachos : under prof. Sumit Ganguly. (Sep 08-Nov 08)
 - The project was part of the Operating Systems course.
 - The project emphasized on extending Nachos to have features like :
 - System calls : fork ,read, write, exit etc., and
 - multiprogramming , pagetables , page faults and page replacement machanisms.
4. IRC Client + Server :under Prof. Harish Karnick (Sep 08-Nov 08)
 - This project emphasized on implemeting server , client & routing protocols for Internet relay chat (IRC) using java , to create a 'xchat' like utility .
 - Java API sockets programming was used for the implementation .
 - TCP/IP and UDP/IP protocols were used for implementing these protocols.
5. Data Structures : under Prof. Surender Baswana (Oct 07-Nov 07)
 - This project involved implementation of Binary Search Tree ,Red black tree and VEB queues using java .
 - Average performance time analysis was also carried out on these data structures using different sets of data under operations like insert , delete ,search etc.

Areas Of Interest

- Operating Systems
- Computer networks
- Database Management

Academic Qualification

3rd year undergraduate M.tech.(dual)	CPI = 8.0/10.0 (After 5 semesters)	2009
secondary exam. MSBSE , 10 th grade	92.13%	2004
Senior Secondary Exam , MSBSHSE, 12th grade	82%	2006

*MSB-Maharashtra state board

Courses undertaken

(Respective Grades are mentioned in the brackets)

ESC101	Introduction to computing (B)	CS340	Theory of computing (B)
CS210	Data structures & Algorithms (B)	CS345	Algorithms-II*
CS220	Intro. To Computer Organization	CS350	Principles of Progr. Lang (A)
CS201	Discrete Mathematics (B)	CS355	Programming tools & tech.(B)
CS335	Compiler Designs *	CS425	Computer Networks (B)
CS315	Principles of Database systems*	ESC102N	Introduction To electronics (B)
CS330	Operating Systems (A)	ESC210	Intro. To Electrical Eng.(B)

(* means the course is to be completed by the summer of 2009)

Academic Achievements

- Secured All India Rank 70 (SC) in JEE 2006 among more than 3 lakhs of JEE aspirants.
- Appeared in the merit list of state board for securing top 0.1% marks in 10th grade.
- National Talent Search Examination (**NTSE**) scholarship holder.

Computational Skills

- Programming skills and tools: Java , C ,C++ , latex , lex , yacc ,shell script , Python, SQL, OZ ,Prolog , Verilog ,Assembly language, Matlab .
- Web Technologies : HTML, XML ,Javascript , CSS , CVS , SQL , PHP ,DHTML ,Google Gears .
- Platforms : Windows , Linux .

Extracurricular Activities and hobbies

- I am a good chess player and an amateur cricket and table tennis player.
- Positions of Responsibility :
 - Coordinator of 3D movie event in Techkriti 09,
 - Security executive and Show management secretary in Antaragni 08,
 - Coordinator of Athletics events in Vertigo , Hall level event.