

CURRICULUM VITAE

Name : ADITYA RAVINDRA KALI
Id. No. : 2001B1A7659
Discipline : MSc(Hons.) Biological Science with
BE(Hons.) Computer Science
Under graduation At : Birla Institute of Technology and Science,
Pilani, India
Current CGPA : 8.07 / 10
(After 7 Semesters)
Home Page : http://www.geocities.com/kali_aditya

COMPUTER SKILLS

- *Languages Known:*
C, C++,C#, JAVA, Assembly Language for 8086 and LC3, HTML,
SQL/PLSQL, Verilog HDL.
- *Softwares:*
Microsoft Visual C++, GLADE using GTK+ libraries (LINUX),
MATLAB, Modelsim, Leonardo Spectrum
- *Operating Systems:*
MS-Dos, UNIX, Linux, Windows 98/NT/XP.

Relevant courses done/currently doing:

Computer Programming 1, Computer Programming 2, Discrete Structures for Computer Science, Microprocessors, Operations Research, Optimization, Discrete Mathematic Structures, Network Programming, Introduction to BioInformatics. Data Structures and Algorithms, Theory Of Computation, Operating Systems, Digital Electronics, Programming Languages and Compiler Construction, Computer Networks, Advanced Computer Organization, Database Systems.

PROJECTS DONE

1. Fast Track – The Quick Path Finder – real time software which gives quickest way in which all the exhibits in an exhibition can be attended. Software was prepared using Microsoft Visual C++ during APOGEE 2003.
2. Design of 8086 Microprocessor based system with analog inputs and a digital display.
3. Development of a messaging system using Microsoft Visual C++ for Computer network (LAN) at Khaperkheda Thermal Power Station, Koradi, Maharashtra during Practice School 1 (Summer Term 2003).
4. Development of Network File System (NFS) Automount Utility for the BITS Linux Operating System as a formal project in 1st semester 2003-04.
5. Customization of GNOME by compiling it from the source code for the BITS Linux Operating System as a formal project in 2nd semester 2003-04.
6. PRIMGEN – A Primer Designing software based on concepts from BioInformatics. The software was prepared using Microsoft Visual C++ and presented during APOGEE 2004.

OTHER ACHIEVEMENTS

Co-curricular Achievements:

1. 2nd in Inter-School Science Quiz Contest organized by Raman Science Center, Nagpur in 1998.
2. 2nd in District Level General Knowledge Quiz Competition.
3. 17th Merit in Nagpur Talent Search.
4. Winner of the competition Swordfizz - The Ultimate Hacking Contest during APOGEE 2004 at BITS, Pilani.
5. Winner of Code-Rash, a C Programming Contest, in APOGEE 2005.

Extra-curricular Achievements:

1. 2nd in Intrabits 2002 Chess Competition.
2. 2nd in GAME-O-PHILIC, The Quake 3 Competition, during APOGEE 2005.

Other Activities:

1. Professional Assistant for the course Computer Programming 1 in 2nd Semester 2004-05.
2. Editor for the BITS, Pilani Computer Science Association Magazine – HOT WIRED in year 2004.

Career Interests:

Network Security, Network Programming, Algorithms. Apart from these, Operating Systems and Programming Languages also interest me.