Chaitanya Sharma

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Objective

To seek a position under experienced guidance in an organization of international recognition in the field of Computer Science and Engineering so as to hone my skills and attain excellent standards while meeting organizational needs.

Interests Include

Data Structures, Design and Analysis of Algorithms. Linux Kernel design.

Education

Standard	University/School	Year	
B.Tech (ICT)	DAIICT, Gandhinagar Gujarat.	2008	Pursuing
I.C.S.E (10th)	Queen Of Angels Convent School, Bharuch	2001	80%
C.B.S.E (12th)	Central Academy Higher Sec. School, Kota	2003	65%

Technical Skills

Prog. / Scripting Languages	C, C++ and Java
Operating System	Ubuntu Linux, Fedora Core
Tools	GNU build utilities, Eclipse IDE, GIMP.

Projects

1. Cartoon Rendering!! (On Going)
   An distributed system for automated cartoon rendering styles.

2. MediaPlayer Portable
   Project Lead, to a team of 10 students, for this Software Engineering Project. A standard media player designed extensively on the lines on XMMS2, using Java2SDK.

3. HFS/ HFS+ Filesystem for Libburnia (On Going)
   Libburnia is a project for reading, mastering and writing optical discs.

4. Image Viewer
   Image viewer application built using the GTK+ and using LibPNG/ LibGIF, for reading and displaying basic (PNG/ GIF) image formats.

5. Gtk Crossword
   GTK+ based crossword program, with a team of two. The application generates a new crossword on each execution, using a random selection of words and NOT their random geometric placement.

6. Oscilloscope
   A Linux command line application, taking audio (voice) input, simultaneously record and gives graphical analysis of the input frequency signal using GnuPlot.

Internships

1. Rural Internship, Center for Social and Rural Development. Sholapur, Maharashtra.
   Survey & Analysis of the socio-economic conditions of tribals around Sholapur dist., thus suggest cost effective uses of ICT applications.

2. Research Internship, DAIICT, GandhiNagar
   Exploring basic image manipulation techniques/ method through the use of ImageMagick libraries thus Stippling and Hatching techniques for the colored images.

Leadership Roles

- λ Chief CoOrdinator, DAIICT Linux Users Group '07 - '08
- λ CoOrdinator, Marketing & Sponsorship, Team Synapse '05 & '06
- λ Project Lead, the Software Engineering project.
- λ Editor, Monthly School Magazine.