

VENKATESH RAMASWAMY

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OBJECTIVE:

To obtain an Internship position in the Computer Industry that will help me to put my technical skills to the best use.

EDUCATION:

Graduate Major: M.S. in Computer Science, Indiana University - Bloomington, August 2003 (expected).

Undergraduate Major: Bachelor of Engineering (B.E.) in Computers, Mumbai University, July 2001.
Ranked 1st in the whole of **Mumbai University** among 10,000 students.

COMPUTER PROFICIENCY:

Programming Languages Proficiency:

- | | | | |
|--------------------|--------------|-------|----------------|
| • Pascal | • C | • C++ | • Visual Basic |
| • Java Programming | • Visual C++ | | |

Other Languages/Tools Used:

- | | | | |
|-------------------------------|--------|---------|-------------------|
| • Lex | • Yacc | • Latex | • Shell scripting |
| • Sockets library under Linux | | | |

Operating Systems:

- | | | | |
|-------|--------------------|---------|-------------------------|
| • DOS | • Windows 98/2K/NT | • Linux | • Unix (mostly Solaris) |
|-------|--------------------|---------|-------------------------|

PROJECTS UNDERTAKEN DURING UNDERGRADUATE TRAINING:

- | | |
|-----------------------------------|--|
| • Library System in C | • Simulation of Unix File System in C++ |
| • Designing 8085 Assembler in C++ | • Socket Programming in Unix environment |
| • File Transfer System in Unix | • Chat System in C in Unix |
| • Aptitude Test Simulation in VB | • Paint Shop Application in VC++ |

FINAL YEAR PROJECT: Development of Car Portal: (August 2000 - June 2001)

- Used Sun's Enterprise Java Beans Technology to create a Car Portal.
 - Supported multiple vendors and multiple clients with simultaneous connections.
 - Provided option of using Session beans or Entity beans.
 - Was completely transparent to the user in terms of operation and results displayed.
- This project was implemented using Pramati Web/EJB server and mySQL database under Linux.

RESEARCH PROJECT: Universal Networking Language (UNL): (March 2000 - June 2001)

- Sponsored by the United Nations, in association with UNU, Tokyo.
- Involved translation of one natural language into another through the use of a Meta-Language.
- Dealt with Natural Language Processing concepts and grammar rules for a Turing machine.
- Specifically dealt with translation of sentences/documents from UNL to Hindi.

The project was done under Prof. Pushpak Bhattacharyya of IIT-Bombay.

Visit <http://www.ias.unu.edu/projects/unl.asp> for details.

TEACHING EXPERIENCE:

As part of the Computer Society of India (CSI) initiative, I gave many lectures in conjunction with the Linux Interest Group in my college. These involved many technical topics ranging from installation to Network programming. I also gave an introductory lecture on VC++ and OpenGL programming in VC++ environment.

REFERENCES:

Can be provided on request.