RAMAKRISHNAN SUBRAMANIAN   "Rama"
63D Phelps Ave New Brunswick,NJ-08901,USA Phone: (Cell)9083070082   (Res) :732 729 4719
Email: ramaks@winlab.rutgers.edu   Website: www.angelfire.com/empire/ramasub

OBJECTIVE: To secure a Summer Internship in 2004 and contribute positively to the
organization with my skills .

SUMMARY: Experienced software programmer,dynamic graduate student in Computer
Engineering with International Exposure.Strong Analytical,Logical Skills
with good experience in handling projects.

TECHNICAL SKILLS:
- **OPERATING SYSTEMS: Linux, Unix, MSDOS, WindowsNT.**
- **RDBMS: SQL**
- **WEBLANGUAGES: HTML, ASP, XML (DTD etc).**
- **LANGUAGES: C, C++, Java, Pascal, UML, VC++, VB.**
- **TOOLS: Doxygen, VUML, and XMLSpy, MFC,Matlab.**

WORK EXPERIENCE:
- (**Sept03-Present**)
  Research Assistant at **WINLAB**, **Rutgers University**.   **N.J.,USA.**
  Creating a software tool that detects collusion/colluders using
  fingerprints/watermarks.Implemented prototype **in Matlab**.
  Creating standalone application in **Java.**
- (**Jan03-May03**)
  Software Engineer at **Marconi Mobile**(now OTE SpA),   **Genoa,Italy.**
  Wrote AutoConfiguration Script files.Used **Ruby**,to create
  many support files for the autoconfiguration tool.
- (**July02-Dec02**)
  Intern **Software Engineer** at **Marconi Mobile**(nowOTESpA)   **Pisa,Italy.**
  Created   Auctor,a Network Configuration Tool using **VC++,XML**.
- (**July00-July01**)
  Internship at **SISL(Siemens Information Systems Ltd)**   **Bombay India**.
  Undergraduate   thesis project. Created Intranet Tool using **SQL,**
  ASP,HTML to streamline the operations of the HR department
  at SISL,Bombay.

EDUCATION:
- **Master Of Science** in **Computer Engineering** at Rutgers, The State University
  of N.J,Expected Graduation (Semester GPA :3.67)   **May 2005**.
- **International Master** in **Software Engineering** (Fellowship Program) from
  Scuola Sant Anna, University of Pisa, Italy. Degree Awarded   **Jan2003.**
- **Bachelor of Engineering (Electronics)** from University of Bombay, India.
  Degree Awarded   **July2001.**

AWARDS:
- Prize winning paper on "**Human Motion Simulation**" at **IETE**(Institute of
  Electronics and Telecommunications Engineers),Bangalore,2001.
- Prize winning paper on "**Network Security" at IEEE**360 Degrees,March2001.
- Prize winning paper on "**Gaint Magneto Resistance" at V.J.T.I**,March2001.
- Prize winning paper on "**Internet Radio Protocols" at I.I.T**(Indian Institute of
  Technology,Mumbai),Jan2001.

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SCHOLARSHIPS AND HONORS:
- **Graduate Assistantship** Award at Rutgers.
- Bachelor Of Engineering (Major in Electronics) 73.5% Distinction with **9th Rank** in University Of Mumbai (Bombay) **among 1700 Students**.
- **Fellowship from Marconi Mobile** to pursue International Master at SSSUP, Pisa, Italy.
- Sir Ratan Tata Merit Scholarship for the year 1998.
- Sir J.R.D Tata Merit Scholarship for the years1999, 2000.
- Brihad Bharatiya Samaj Merit scholarship for the years 1999,2000.

PUBLICATIONS:

- "Internet Banking" April2000, CY, The Indian Express Newspaper.
- "Win2000" Review, May2000, CY, The Indian Express Newspaper
- "BioTelemetrics" July 2000, CY, The Indian Express Newspaper.
- "Athlonk7" Review, August 2000, CY, The Indian Express Newspaper
- "Digital Terrestrial Television" September2000, CY, The Indian Express Newspaper.
- "Memory Storage Devices" for Kshitij, Technical Magazine, K.J.Somaiya COE.

PROFESSIONAL MEMBERSHIPS: IEEE, IEEE Computer Society.

EXTRACURRICULAR ACTIVITIES:
- Winner in many Essays, Elocutions .
- Magazine Secretary of the Students' Council for the Year 1999-2000.
- Member of the Marketing and Organisation Committees of our Annual College Festival Symphony.
- Freelance writer for the Technology Section of CY (Indian Express) Newspaper, The Times of India (Bombay Times), Observer.
- Organiser for Electronics Engineering Student's Association (EESA) for 1998-1999.

LANGUAGES KNOWN: **English,Hindi,Tamil,Italian(Basic).**

COURSEWORK PROJECTS:
- Created a student application **in Java**, that has message board ,chat, File Upload,Calendar Facilities(**Software Engineering** Course)
- Reconfigurable **Memory Hierarchy design** in a processor using Simple-Scalar simulator(**Computer Architecture** Course)
- Implemented a Quantiser in **Matlab** that quantizes data as well as Images.(**Stochastic Signals and Systems** Course).
- Implemented a Server-Client Queuing System in **C** (**Stochastic Signals and Systems** Course).
- Developed Chat Server/Client using multithreading in **Java.** (at SSSUP)
- ATM Banking project design-using **UML**. (at SSSUP).
- A spaceship game using a **Real Time Operating System**, Shark developed at SSSUP, RETIS Lab.(at SSSUP).