

RUDY RUDY

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OBJECTIVE:

Seeking a contract or part-time work in the IT, software development or engineering related field

WORK EXPERIENCE:**SYSTEMS ADMINISTRATOR**

The Boston Athenaeum, Boston, MA; November 1998 to Present

- Perform system maintenance on a Sun UNIX system with Apache web server
- Design, install and administer Windows 2003 domain
- Perform system maintenance on NetWare domain
- Administer Microsoft IIS, Norton Anti-virus and IMail email servers
- Perform installation, maintenance and provide assistance in the use of multiple databases:
 - Oracle (Endeavor Voyager Cataloging database)
 - Microsoft SQL Server (Blackbaud Financial Edge and Raiser's Edge 7 databases)
 - Sybase SQL Anywhere (Blackbaud Raiser's Edge 6 database)
 - Centura SQLBase (ADP Payroll database)
 - Microsoft Access 2000/XP (numerous in-house-developed databases)
- Responsible for systems, data and network backup/recovery procedures
- Schedule and perform software, hardware, servers and network upgrades
- Responsible for systems and network documentations
- Assist in proposing annual IT budgeting and spending
- Provide technical assistance for co-workers and computer users

Significant Projects:

- *05/2004* Introduced secure shopping cart and SSL transactions processing system
- *04/2004* Planned and executed data and network migration from NetWare to Windows 2003 domain
- *01/2003* Introduced computer based credit card processing system to the company
- *11/2002* Performed data migration on UNIX servers
- *06/2002* Planned and performed physical migration of the computer network from one company site to another
- *2002-2004* Developed numerous ASP-based web databases for users

WEB / DATABASE DEVELOPER

3Solve Inc., Boston, MA; April 2000 to May 2001

- Co-founded the company
- Planned and developed web/database projects
- Provided technical support for clients
- Set up company web site

COMPUTER LAB ASSISTANT

Electrical and Computer Engineering Department, Suffolk University, Boston, MA; Summer 1998

- Installed Windows NT network
- Configured networking system, printers and security
- Troubleshot networking problems
- Provided assistance for computer lab users

TEACHING ASSISTANT (C PROGRAMMING CLASS)

Electrical Engineering and Computer Science Department, Tufts Univ., Medford, MA; Summer 1998

- Arranged C programming class labs
- Helped students with programming problems
- Graded students' programming homework
- Assisted students in programming projects

EDUCATION:

SUFFOLK UNIVERSITY

Major: Computer Engineering, Minor: Mathematics

- Bachelor of Science, **Summa Cum Laude**, May 2002
- Overall grade point average: 3.86

Significant Courses

Circuit Theory I/II, Digital Electronics, Electronic Devices, Advanced Electronics, Digital Signal Processing, Communication Systems, Electromagnetic Theory, Computer Aided Design, Microprocessors, C Programming, Assembly Language, Data Structures and Algorithms, Operating System, Engineering Statistics, Scientific Writing

COLLEGE ACTIVITIES AND HONORS:

- Highest Sophomore Scholastic Honors (1998 - 1999)
- Outstanding Engineering Accomplishment Award (1998, 2001)
- Outstanding Engineering Student Award (1999 - 2002)
- Outstanding Performance in Intermediate Computer Science Award (1999)
- Delta Alpha Pi Society Honor (2000 - 2002)
- Dean High Honor Lists (1998 - 2002)
- President of 2001-2002 Institute of Electrical and Electronics Engineers (IEEE)

COLLEGE PROJECTS:

WEB OPERATED WIRELESS MONITORING SYSTEM

- Served as project leader for a team of four people
- Developed a new protocol for wireless communication
- Responsible for server-side programming (in C, x86 Assembly and Visual Basic)
- Implemented the system in a research facility in Maine

IEEE MICROMOUSE ROBOTICS COMPETITION 2001

- Project leader of Suffolk University team
- Assisted in building two robots from scratch
- Responsible for writing code in C, Intel x86 and Microchip PIC Assembly to drive both robots
- Our robots won the competition

IEEE THREE-WHEEL CAR COMPETITION 2001

- Designed and built three cars for competition
- Assisted others in designing their cars
- Winner of the first prize and the most original design

SKILLS:

- Programming languages: C, C++, Visual Basic, Java
- Scripting languages: PERL, HTML, JavaScript, VBScript
- Networking: Novell NetWare, Microsoft Windows Domain, TCP/IP, LAN
- Internet: ASP, CGI, SSL, Microsoft IIS, Apache
- Databases: mySQL, Microsoft Access, Microsoft SQL Server
- Assembly languages: Microchip PIC, Intel x86, SPARC
- Strong learning, interpersonal and organizational skills

HOBBIES:

Skiing, snowboarding, running, sailing, windsurfing, badminton, tennis

REFERENCES:

Available upon request