

Charulakshmi Vijayagopal

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1905, S Milledge Ave, Apt#2,
Athens, GA - 30605

OBJECTIVE

An opportunity to use my algorithmic skills in web technology or database management systems

PROFESSIONAL EXPERIENCE

Research Assistant

The University of Georgia at Athens, GA
October 2005 - May 2008

Real-time systems (Multiprocessor scheduling):

- I am currently working with Dr. Shelby Funk on multiprocessor scheduling algorithms for real-time systems. We have developed a method for reducing the required number of processors to schedule periodic task sets with improvements as high as 40%

Project Engineer

Wipro Technologies, India
October 2005 - May 2008

During my employment for 2.6 years with Wipro Technologies, I worked on three projects:

1. Verizon - Voice Portal:

- Software enhancement and bug-fixing (C++/UNIX/Linux)
- Automated the report generation and software-testing for the Voice Portal project using PERL

2. Washington Mutual - Enterprise Server Monitoring:

- Resolved issues related to using Netcool/SSM installed in UNIX environment
- Handled critical issues related to Netcool/SSM installation and maintenance

3. Nokia's NetAct:

- Designed and developed a library in the fault management portion of NetAct, Nokia's network management system
- Automated the System Testing for Fault Management

EDUCATION

University of Georgia

Master of Science in Computer Science (Pursuing)

(Relevant courses: Algorithms, Software Engineering, Advanced Image Processing, Computer Networks)

GA
August 2008 - Present

Sri Venkateswara College of Engineering/Anna University

Bachelor of Technology in Information Technology

(Relevant courses: Web Technology, Data structures and algorithms, Database management system)

India
July 2001 - May 2005

TECHNICAL SKILLS

- Programming Languages:
C++, Visual Basic
- Scripting Languages:
PERL, Shell Scripting, VBScript
- Platforms:
Linux and UNIX
- Database System:
Oracle (8i, 9i)
- Network Management:
Netcool/SSM, NetAct (Fault Management)
- Software Configuration Management:
Clearcase

ACTIVITIES / HONORS

Won various prizes in painting competitions at the Wipro Company and at national level.

Won a competition to have painting printed by **Imperial Tobacco Company of India Limited** on a greeting card – proceeds from sales of these cards funded services adding the mentally challenged.