

[REDACTED]  
[REDACTED]  
[REDACTED]  
Email: [REDACTED]@ [REDACTED]  
Telephone: ([REDACTED]) [REDACTED]

## **OBJECTIVE**

Seeking a challenging full time position as a senior java programmer, web client/server program developer or database developer

## **RELEVANT EXPERIENCE**

June 2005 – Present

**Software Engineer**, (*Confidential*), Santa Clara, CA

Main responsibility includes:

- Develop web based applications based on the company's reporting and charting tools
- Improve the company's main product: reporting/charting tools
- Applications of the products onto various business environments.
- Technical support for customers from all over the world.

Main achievement includes:

- *Dashboard Version 2*  
It is a complete revision of existing Dashboard product. The new version is developed based on Object Oriented javascript and YUI framework on the client side, and uses mainly AJAX and servlet to realize the communication between the client and server. Beyond the features that had been implemented in early version, more features like "Rich text editor", "Color picker", and "Grid display" are added. (Java, Javascript, YUI, DHTML, CSS, JSON, AJAX)
- *QuickDesigner Chart version 2*  
It is complete revision of existing QuickDesigner Chart product. This version adopts the concept to use AJAX as the major client-server communication method, and remodel the product to be a one page interactive web 2.0 application. (Java, Javascript, YUI, CSS, JSON, AJAX, Servlet, POJO)
- *Dashboard*  
Web-base Java/Javascript application to support the user dynamically display reports and charts in one browser window, the user can insert, delete, resize, change look and feel directly from the web browser, also the user can do share parameters, drilldown, drag and drop in the dashboard browser window. (Java, JavaScript, DHTML, Ajax, DOM, Servlet)
- *QuickDesigner*  
Web-based Java application to facility the users to quickly create report and charts based on the database query, data view, text data files and other kind of data sources. (Java, JavaBean, Servlet, HTML, JavaScript)
- *Search Engine for special purpose*  
Search Engine based on CORI algorithm for the text file relevance ranking for the user manual (using database and java)
- *Miscellaneous Improvement Projects*
  - Apply Pattern/Texture to the chart data points
  - Implement SOAP as a data source

January 2000 – June 2005

**Graduate Assistant (teaching assistant of "database management")**, CACS, ULL, Lafayette, LA

- Research Projects  
Research of different data mining methods for feature extraction and rule observation. Further studies in parameters tuning, data discretion, and specific applications.
  - Text document clustering and similarity evaluation (JAVA, TREC-10G data)

- Associate rule mining using ItemSetTree (JAVA)
- Adaptive Search Engine (neural network, perceptron learning) (JSP, JAVA, Oracle)
- Research and Course Projects
  - Indexing and retrieval of large text file collection and ranking algorithms (JAVA/C/C++)
  - PageRank algorithm implementation (JAVA/JDBC/Oracle)
  - RDBMS and star schema design and performance optimization (Oracle)

August 1999 – 2002

*Research Assistant, Dept. of Chemical Engineering, ULL*

- Key member of the development team for “**Offshore Oil/Gas Pipeline Corrosion Simulation Software,**” a project sponsored by 12 oil companies with a combined investment of more than \$1,000,000. (VB, MS-Access, ADO). Major responsibilities involve:
  - Systematic design and implementation of software architecture
  - Database design and implementation
  - Object-oriented programming
  - Graphical user interface design
  - Scientific computations (heat transfer and pressure drop evaluations)
  - Coordinate the team members and communicate with the supervisor/client

## EDUCATION

January 2000 – December 2005 (GPA: 3.95/4.0)

M.S. Computer Science, University of Louisiana at Lafayette

August 1999 – August 2001 (GPA: 4.0/4.0)

M.S. Chemical Engineering, University of Louisiana at Lafayette

July 1990 – July 1994 (GPA: 3.30/4.0)

B.S. Chemical Engineering, East China University of Science and Technology, China

## TECHNICAL SKILLS

Languages and software

- JAVA (applet, servlet, application), JSP, HTML/DHTML/CSS, JavaScript, PL/SQL, C, C++, XML, XSLT, Visual Basic, PERL, PHP
- Tomcat, Websphere, SunOne App Server, Jboss, Apache, Oracle, MS-SQL-Server, MySQL, JDBC/ODBC, MS-Visual Studio, .NET Framework, IIS Web Server, MATLAB

Operating systems

- Windows (9x/NT/2000/XP), UNIX, Linux

## AWARDS

2000 Honor Student (ULL)

1997 Outstanding Project Team Member

1993 Honor Student (ECUST)

## AVAILABILITY

Current