

David A. Rice

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Objective:

To obtain a technical **development** position in a **creative, challenging**, and **exciting** environment allowing me to utilize my **Java** and **Object Oriented Design** skills.

Employment:

GTECH Corporation February 2005 – Present (Developer)

ES Interactive

- Designed and implemented key components of a J2EE based online lottery system.
- Led design and implementation of the system maintenance framework which included configurable and pluggable components allowing business use cases to be scheduled, batched, and initiated remotely.
- Proactively helped drive the redesign and standardization of a continuous build process.
- Was the only consultant on a medium sized team offered permanent employment.

H-E-Butt Grocery Company May 2003 – February 2005 (Developer)

Pharmacy Systems Development

- Wrote and helped manage requirement documents for upcoming pharmacy workflow and retail mail projects. I was the only non senior/lead developer asked to participate in this endeavor.
- Maintained and enhanced the Struts-based reporting system for the new centralized pharmacy system.
- Designed and implemented the framework for submitting insurance claims through the new centralized pharmacy system.
- Designed and implemented highly configurable load tests, written to run in LoadRunner, which simulated the pharmacy client via CORBA calls to the server.
- Worked closely with the Oracle DBA to load test a centralized pharmacy system.
- Designed and implemented a trickle feed for the pharmacy system using Vitria BusinessWare to populate an ODS, providing real time access to sales data.
- Became the primary resource for the enterprise for load testing applications.
- Implemented and managed the version control system for a large-scale project.
- Member of an enterprise-wide deployment team.

Point of Sale Development

- Designed a low cost checkout lane using a diskless computer booting Linux. This utilized a collection of different technologies which allowed the terminal to determine the most efficient method for booting, and to provide the ability to boot the terminal using a multicast protocol which the boot servers, running on a legacy OS, did not support.
- Developed C based programs to provide both intercommunication between Linux terminals and remote control of the Linux terminals.

H-E-Butt Grocery Company Summer of 2001 & 2002

Knowledge Management

- Designed an ASP-based system to monitor metadata transformation and flow between four key systems: Microstrategy, Informatica, Redbrick DB, and sales data feeds.
- Implemented an ASP-based knowledge repository for the storage and retrieval of intra-office documents which supported various document formats.
- Wrote ASP-based front-ends to simplify database operations used by the group.

Sony Semiconductor of America Summer of 2000

Information Systems

- Wrote two web-based applications for tracking defects and system problems using ASP's.
- Designed ASP-based and ActiveX-based applications to analyze in house software usage and database growth for their silicon wafer manufacturing system.

Education:

The University of Texas at Austin. Bachelor of Science in Computer Science, May 2003

- Graduated Magna Cum Laude with Special Honors
- Member of Upsilon Pi Epsilon – Computer Science Honor Society

Training:

- Vitria BusinessWare 4 Administration Training Course
- Vitria BusinessWare 4 Developers Training Course
- Vitria BusinessWare 4 Advanced Integration Course

Frameworks & Technologies:

J2EE Enterprise Java Beans (EJBs)	Java Servlets & Java Server Pages (JSP)
Jakarta Struts	Hibernate
UML	SQL
XML, HTML	Active Server Pages (ASP) & PHP
Vitria BusinessWare 4.2	JasperReports
Mercury LoadRunner	Mercury Test Director

Programming Languages:

Java J2SE & J2EE	Perl
C, C++	Visual Basic
Unix/Linux Shell Scripting (Bash, KSH 93)	Icon/Unicon

Tools & Software:

App Servers: JBoss, Tomcat, Sun One
Software: Eclipse, Ant, JUnit, Idea IntelliJ, Apache, MKS, Perforce, Mercury LoadRunner
Databases: Oracle, DB2, MS SQL Server, MySQL

Operating Systems:

GNU LINUX (Red Hat/Debian/Slackware), UNIX System V, Solaris, SCO UnixWare
Microsoft Windows 3.1/95/98/ME/NT/2000/XP and MS-DOS

Research:

Honors Thesis with Dr. Calvin Lin
-*UT Austin Computer Science Department*
-*The Optimization of the Unicon Compiler*
Mentorship with Dr. Clinton L. Jeffery
-*UTSA Computer Science Department*
-*A Study of the Icon Programming Language*

Community Involvement:

Cystic Fibrosis Foundation Great Strides 5K Walk	
- <i>Logistical Chairman</i>	2003-2005
- <i>Steering Committee</i>	1998
Cystic Fibrosis Foundation Tower Climb	
- <i>Steering Committee</i>	1997-2003

References available upon request

Digital Copy Available at <http://www.davidarice.com>