

Jeff Mo

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TECHNICAL SKILLS

Languages	Perl, Java, C/C++, XML, SQL
Frameworks	Catalyst, Moose, CGI, J2EE, RMI, Swing, J2ME, Google AppEngine/Android, UNIX IPC
Servers	MySQL, Oracle, MS SQL Server, SQLite, Apache, Tomcat, GlassFish
Operating Systems	Linux, UNIX
Tools	Eclipse, NetBeans, vi, Oracle SQL Developer
Networking Protocols	HTTP, TCP, IP, UDP, SMTP, FTP, P2P, SOAP

CERTIFICATIONS

2009	CompTIA Linux+ Certified Professional
2002	Sun Certified Web Component Developer for the Java 2 Platform (SCWCD)
2001	Sun Certified Programmer for the Java 2 Platform (SCJP)
1998	Microsoft Certified Solution Developer (MCSD)

REFERENCE WEBSITES

LAMP application	http://jandc.co.cc
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EDUCATION

03/2008 – 12/2009	Master of Science in Computer Engineering (Computer Networks), Santa Clara University, CA
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PROFESSIONAL EXPERIENCES

Current Project	Built a LAMP website (Linux/Apache/MySQL/Perl) to demo how to use Catalyst and Moose to develop a secured web application with less SQL, HTML, and JavaScript but more flexibility and efficiency.
Research Projects 2008 – 2010	Used Android as front-tier the back-tier is RESTful Web Service to develop a cloud-based project. Used design patterns (MVC, DAO, and Factory Method) and technologies (MySQL, Servlet, JSP, SVG, XML Schema , XSLT , JDOM 1.0, ANT) to implement a on-line library searching system. a CGI/Perl website to provide secured features like avoiding cookie poisoning and SQL injection. Wrote C programs to implement a file server and client agent for various UNIX IPC methods such as Pipes, FIFOs, Message Queues, Shared Memory, Semaphores, TCP/UDP Sockets.
Sr. Application Engineer IVRS, Taiwan 2005 – 2006	Maintained a large-scale EJB/JMS/Servlet/JSP/Struts system running on WebLogic that provided mobile number portability (MNP) service that allows users to change cellphone service providers but still retain original phone numbers; enhanced current features by adding code to Message-Driven Bean and utilized JMS to establish a distributed communication between number portability administration center (NPAC) with a global NP database (NPDB); managed a team of four developers.
System Analyst Sysware, Taiwan 2003 – 2005	Worked with a team to implement a large scale banking system that can manage financial assets like FX, Bond; coded client side programs via Java Swing for Risk-Manager, Pricing, SWIFT, Yield Curve, and Report; designed server processes on top of RMI/MVC to process SWIFT documents and synchronize module status. Took a lead to build a J2ME application that can deliver real-time stock quotes to consumers' J2ME phone.
IT Trainer UCOM, Taiwan 2001 – 2003	Taught programming languages (Java, VB), web application development (Servlet , JSP , ASP , JavaScript , HTML , CSS , XML) and preparation of certification exams (SCJP, SCWCD, MCSD). Chosen as featured speaker at Java conference on JSTL.
Programmer Systex, Taiwan 1998 – 2001	Worked with teams to build several ASP-based projects such scheduling system for internal use. Worked with a R&D team to design VB forms and COM components for Pallas Workflow. Chosen as featured speaker at MS TechEd 2000 on new features of IE.

ASSOCIATIONS

2009 – Present	Member, San Francisco Perl Mongers
2010 – Present	Member, The [Perl programming] Authors Upload Server (PAUSE)

LANGUAGES

Fluent in spoken and written English, Mandarin Chinese, Japanese.