

# Jeff Mo

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## TECHNICAL SKILLS

<b>Languages</b>	Perl, Java, C/C++, XML, SQL
<b>Frameworks</b>	Catalyst, Moose, CGI, J2EE, RMI, Swing, J2ME, Google AppEngine/Android, UNIX IPC
<b>Servers</b>	MySQL, Oracle, MS SQL Server, SQLite, Tomcat, Apache, GlassFish
<b>Operating Systems</b>	Linux, UNIX
<b>Tools</b>	Eclipse, NetBeans, vi, Oracle SQL Developer
<b>Networking Protocols</b>	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

Catalyst/Moose/DBIx::Class	<a href="http://jandc.co.cc">http://jandc.co.cc</a>
CGI/DBI	<a href="http://students.engr.scu.edu/~cmo">http://students.engr.scu.edu/~cmo</a>

## EDUCATION

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

<b>Current Project</b>	Built a Catalyst/Moose/Perl website to demo how to build a dynamic web application effectively.
<b>Research Projects</b> 2008 – 2010	Built 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. Collaborated with a team to develop a cloud-based project; three-tier architecture whose front-tier is Android Client, middle-tier is PUSH Service (C++), and back-tier is RESTful Web Service. 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.
<b>Sr. Application Engineer</b> 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.
<b>System Analyst</b> 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 to process SWIFT documents and synchronize the status between modules; assisted quality assurance and on-site technical support. Took a lead to build Mobile Java Winner that can deliver real-time stock quotes such as American Stocks, Taiwan Stocks, and International Indexes to consumers via J2ME phone.
<b>IT Trainer</b> 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.
<b>Programmer</b> 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.