

JaeHyuk Kwak

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(I'm willing to relocate to anywhere in USA, regardless any supports.)

WORK EXPERIENCE

NC Soft Corp., Seoul, Korea (Jan 2005 - Feb 2006) - Sr. Software Engineer

- Develop a 3D online PC game client, **AximumSaga**, using **GameBryo**
- Develop international character displaying component in **SmashStar** serviced at PlayNC.co.kr
- Design/implement a reusable game user interface engine/tools with XML, GameBryo and MFC

FID Corp., Seoul, Korea (March 2002 – Aug 2003) - Sr. Software Engineer

- Develop a 3D online PC game client, **IndreamWorld**, serviced at HanGame.com
- Administrate online game servers based on WindowsNT and MS-SQL

Mari Telecom Corp., Seoul, Korea (Jan 2000 - Nov 2001) - Software Engineer

- Develop a remote server monitoring system and an automatic recovering system.
- Administrate 80 servers of web-based MMO, **ArchMage** and **ArchSpace**, on Linux/FreeBSD

SKILL

Programming	C++ (10 years) , Java, C#
Graphics API	OpenGL, Direct3D 4,5,6,7,8,9, XNA, JOGL, HLSL, GLSL
Game Engine	PhysX, GameBryo, Wild Magic, TorqueX
Team Integration	Collada, CVS, SVN, Perforce, Make/Ant, eXtreme Programming
Operating System	Linux, FreeBSD, MS-Windows XP, SUN-Solaris, Mac
Database	MySQL, JDBC, Hyper Sonic
Libraries	C++ (STL, Boost, MFC, OpenAL, TR1, Loki), Java (Swing, EclipsePDE)
Web Programming	SpringFramework, EJB, PHP, JavaScript, AJAX, Dojo, Perl
Spoken Language	Korean, English, Japanese
Etc	UML, Use Case, 3D Max, PhotoShop, MatLab, RenderMonkey, Pix, XML

EDUCATION

George Mason University, VA, USA (Aug 2007 – May 2009) GPA : **3.83**/4.0
Master of Science in Software Engineering

Korea University, Seoul, Korea (Mar 1997 – Feb 2005) Major GPA : 3.80/4.5
Bachelor of Science in Computer Science Education, Feb 2005 GPA : 3.41/4.5

ADDITIONAL

Distinguished Academic Achievement from Computer Science Department in GMU, VA (2009)
Graduate Teaching Assistant for Advanced OOP class in George Mason Univ., VA (2008 – 2009)
Part-time teacher for a OpenGL class at SunRin Internet high school, Seoul, Korea (2006)
Part-time localization assistant for WebLogic at Bowne Global Solutions, Nasdaq:LION (2003)
Supporting moderator at the Nownuri Linux User Community, Korea (1999 - 2002)
System administrator of Korea Univ. Newspaper and College of Education (1998 - 1999)
President of Student Association, Computer Science Education at Korea Univ. (1999)
Silver medal in computer by GyeongGi Provincial Office of Education, Korea (1995)
Bronze medal in computer by Seoul Metropolitan Office of Education, Korea (1989)