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Hyung-Joon Kim

- Objective** To pursue a full-time position in web/software developer, software/information architect, or technical consultant
- Summary** Deep understanding of a broad range of computer and Internet technologies and industry. Exceptional research, analysis, and problem solving skills, and excellent attention to details. Expertise in mathematical modeling, networked information systems and security, multimedia, and data mining and analysis. Proven experience from military service in fast-paced, challenging, and mission-critical tasks.
- Education**
- Stevens Institute of Technology, Hoboken, NJ** 01/2007 ~ 06/2008
M.Eng., Networked Information Systems
- Concentration: Multimedia Information Systems
 - Overall GPA: 3.9/4.0
 - Curricular: Design and Analysis of Network Information Systems, Information Systems Security, Wireless Systems Security, Database Management Systems, Interactive Computer Graphics, Applied Data Structures and Algorithms, Integrated Multimedia Services, Multimedia Compression, Applied Machine Learning
- University of Washington, Seattle, WA** 10/2001 ~ 06/2005
B.S., Applied Computational Mathematical Science
- Concentration: Discrete Mathematics and Algorithms
 - Overall GPA: 3.3/4.0
 - Major GPA: 3.7/4.0
 - Scholarship Dean's List, Jun, 2002
 - Curricular: Applied Linear Algebra and Numerical Analysis, Scientific Computing, Discrete/Continuous Mathematical Modeling, Data Structures and Algorithms, Combinatorial Theory, Linear/Discrete Optimization, Visualization and Computer-Aided-Design, Algorithms and Computational Complexity Analysis, Programming Languages and Compiler Systems, Computer Architecture and Operating Systems, Artificial Intelligence
- North Seattle Community College, WA** 06/1999 ~ 06/2001
A.S., Computer Science
- Overall GPA: 3.9/4.0
 - Excellent Academic Achievement President's List (3 times, 1999 ~ 2001)
- Experience**
- Software Development Engineer** 09/2008 ~ Present
BrandVerity, Inc., Seattle, WA
- Developed systems that provide services that detect online brand and trademark abuse by infringing ads using common infringing techniques such as URL/Ad text hijacking, dayparting, reverse IP-geotargeting, and referrer laundering
 - Developed both back and front-end; using Django (MVC web framework) on top of Linux, Apache, MySQL, Python environments with Amazon's SQS, SDB, S3, EC2, and HTML/CSS, and JavaScript

Software Engineer, Researcher

11/2005 ~ 07/2006

R&D Center, nTels Co., Ltd., Seoul, Korea

- Developed and maintained Operating Support System (enterprise applications) of the mobile telecom carriers: Helio(USA), SK Telecom(Korea), SK Networks(Korea), implemented new features for the existing systems, using C/C++, and provided technical support/troubleshooting
- Ported enterprise applications (64-bit HP-UX, Solaris, AIX) to 32-bit Red Hat Enterprise Linux AS for exhibition in 3GSM World Congress 2006
- Designed and developed, for internal use, the standardization process and manual for Software Requirements (based on IEEE Standard 830-1998)
- Researched new technologies, standards, and best practices for the convergence of IP networks and telecommunications networks
- Participated in Request for Proposal on KTF (Korea Telecom Freetel) Advanced Operations Support Systems Project – Contracted
 - Overview: Development of SOA-based accounting/charging solutions for the next generation mobile technology, 3.5G, such as HSDPA and Wi-Bro(Max), supporting converged management for all IP networks, real-time AoC (Advice of Charging), and QoS (Quality of Service)

Tutor

01/2000 ~ 07/2001

North Seattle Community College, Seattle, WA

- Tutor in Math and Computer Science

Intelligence and Operations Staff, Cryptographer

03/1996 ~ 05/1998

Division Headquarter, the 36th Infantry, Republic of Korea Army

- Planned, organized, and made report on tactical operations and training
- Responsible for alerts at Command & Control Center (day/night shift) and operated tactical wireless communication devices
- Responsible for cryptograph, intelligence, and security including the production and management of confidential documents

Skills**Language**

Proficient: C/C++, Java, Python, HTML/CSS, XML, SQL

Experienced: C#, PHP, JavaScript, Unix shell script

OS/Software

Unix/Linux, Windows XP/Vista, MS Office Suite, Eclipse, Visual Studio, MATLAB, Flash, Dreamweaver, Photoshop, OpenGL, 3ds Max, Solidworks, VMware, MySQL, Oracle, VMWare, Django, MySQL, Oracle, SVN