

QUALIFICATIONS SUMMARY

Highly motivated and result-oriented software developer with knowledge ranging from agile software development to cross-platform system integration. Strong programming background including 5 years experience in object oriented programming in Java and C++, 3 years in web design and development, and recent experience in mobile phone (iOS/Android) development. Pragmatic problem-solver and quick-learner eager for applying emerging and innovative technologies.

PROFESSIONAL EXPERIENCE

Teaching Assistant/Tutor, Southern Methodist University, Dallas, TX 08/2010 – Present

Skills: Java, C++, PHP, MySQL, Objective-C, HTML, CSS, XML, JavaScript, Python (Learning)

- Assist in Software Architecture and Design course for course preparing, grading, and evaluation. Offered tutorial on programming in Java and C++ courses. One of the most popular tutors voted by all B.S. students in Computer Science Department.
- Created SleepDetective iPhone app individually for research of sensor-enabled mobile phone applying to healthcare and environmental monitoring; utilized accelerometer and microphone for sleep quality measurement.
- Designed and implemented my personal website <http://hfknight.com> in HTML, CSS, JavaScript and PHP, utilizing XPath, Flickr RESTful API and JQuery. Featured on cssmania.com and onepagelove.com.

System Engineer, Baosight Software co., ltd., Shanghai, China 08/2006 – 07/2009

Skills: Java, Shell scripting, SQL, HTML, JavaScript, XSLT, XML, WebLogic, WebSphere, Apache, AIX, Linux, Oracle

- Redesigned a task scheduling management system individually, implemented in HTML, AJAX, Java servlet, Java bean, and SQL with MVC architecture. My work reduced page-loading time from minutes to 2 seconds. My new algorithm for task auto-grouping and validation helped reducing system administrators' workload by 25%.
- Implemented document exchange modules by performing customs message mapping and transformation, for Ningbo Electronic Port system in XIB learned in one week. Also solved multi-mapping problem by using XSLT.
- Created shell scripts for deployment/administration in WebLogic/WebSphere clusters under automation, achieving non-stop redeployment in production environment; greatly reduced man-made fault risks and improved efficiency of publishing process by 60%.
- Provided Level 2 support and troubleshooting for 52 running systems. Diagnosed several dozen critical software bugs including memory leak, greatly enhanced the system robustness and performance.
- Performed installation, integration and maintenance for 4 large distributed Unix-like systems (OS, middleware, and Database) used by over 2,000 customers, and received "Best Team" honor, together with other team members in 2008 and 2009.

IT Helpdesk Intern, Hewlett-Packard GDCC, Beijing, China 07/2005 – 12/2006

Skills: Network, Email, Internet, Microsoft Office Suites

- Provided technical support along with 6 other team members, supporting over 2,000 employees in Unilever China.

EDUCATION

- **M.S., Computer Software Engineering**, Southern Methodist University, Dallas, TX, 2011.
- **B.S., Computer Software Engineering**, Beihang University, Beijing, China, 2006.