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# Kevin Qin

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## WORK EXPERIENCE

<b>Software Developer</b> <i>Application Development</i> <ul style="list-style-type: none"><li>• Build XSLT and XQUERY into production workflow.</li><li>• Work under MVC on e-commerce system.</li><li>• Contribute to Production Tracking System based on Ruby on Rails.</li></ul> <i>Research and Development</i> <ul style="list-style-type: none"><li>• Maintain XML-based tool-chain for generating online products.</li><li>• Research on open source tools to improve production workflow. (Git, OJS, exist-db)</li></ul>	<b>International Baccalaureate</b>	<b>July 2012 - Present</b>
<b>Software Developer (Part-time)</b> <ul style="list-style-type: none"><li>• Contribute to the new university Content Management System.</li><li>• Write SQL Queries to fetch data for each department.</li><li>• Link/Update the database via Google API.</li></ul>	<b>St. Joseph's University, PA</b>	<b>Aug 2011 - May 2012</b>
<b>Teaching Assistant</b> <ul style="list-style-type: none"><li>• Teach undergraduate student Java programming labs.</li><li>• Tutor undergraduate student Java, Data Structure, etc.</li><li>• Tutor student Web Technologies &amp; Web Application (Apache + PHP + MySQL)</li></ul>	<b>St. Joseph's University, PA</b>	<b>Dec 2010 - May 2012</b>
<b>Tele-research center staff (Part-time)</b> <i>Help the research work on marketing major.</i>	<b>St. Joseph's University, PA</b>	<b>Dec 2010 - May 2012</b>
<b>Summer Internship</b> <i>Develop computer programs using JAVA, VB.net, to solve diagnostic problems in academic management.</i>	<b>Nanjing Univ. (Information of Sci&amp;Tech)</b>	<b>Jun 2011 - Sept 2011</b>
<b>GIS Developer (Part-time)</b> <i>Spatial-Database • ESRI • ArcGIS Engine • GIS Analysis System development.</i>	<b>Nanjing Univ. (Information of Sci&amp;Tech)</b>	<b>Jan 2007 - May 2010</b>

## EDUCATION

<b>Saint Joseph's University, Philadelphia, PA</b> <ul style="list-style-type: none"><li>• M.S. in Computer and Information Science, May 2012. GPA: 3.76/4.00</li><li>• Relevant Coursework: Object-Oriented Design and Data Structures, Theory of Computation, Design and Analysis of Algorithms, Computer Architecture, Software Engineering, Computer Systems, Database Management, Web Technologies, Internet Application Development, Advanced Database Management.</li></ul>	<b>September 2010 - May 2012</b>
<b>Nanjing University of Information Sci&amp;Tech, China</b> <ul style="list-style-type: none"><li>• B.S. in Geographic Information Systems, June 2010. GPA: 3.55/4.00</li></ul>	<b>September 2010 - May 2012</b>

## TECHNICAL SKILLS

<b>Programming Languages:</b>	JAVA • J2SE • Javascript • PHP • Ruby • Ruby on Rails • SQL • PL/SQL • VB/VB.net • Shell Programming (Bash).
<b>Operating System:</b>	Linux/Unix (Ubuntu server • Redhat • Fedora 17) • MacOS • Windows.
<b>Database:</b>	Oracle 10g/11g • JDBC 3.0 • MySQL • Exist-db • PostgreSQL.
<b>Web Technologies:</b>	Ruby on Rails • PHP • XML • DTD • XSLT • XQuery/XPath • SAX • DOM • HTML/XHTML • CSS • Javascript • Ajax • Dojo • JQuery.
<b>Web Server/Tools:</b>	Apache • Tomcat • Eclipse • X-code • Sublime-Text2 • Oxygen-Editor.
<b>Platform/ Cloud Service:</b>	AWS (EC2 • S3 • CloudFront) • Heroku • Github • Basecamp • Drupal.

## RELEVANT PROJECTS

**E-Commerce Developing (2011).** An eBay-like online shopping system where multiple users can sell and buy products online. Give customers the best advice by data-mining functionality. PHP, PL/SQL, XML.

**Yummy Reservation System (2011).** Location-based Restaurant Reservation System. RDBMS, SQL.

**Production Tracking System (2012).** Application to control the production workflow, allowing administrators to manage/edit the upcoming tasks. MVC, Ruby on Rails, Bootstrap, Javascripts, XML.

## HONORS/AWARDS

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- Upsilon Pi Epsilon (UPE) Chapter Officer
- Awarded University Scholarship to attend SJU based on excellent grades and work ethics
- Outstanding Graduate Award (2010)
- Fellowship for year of 2006,2008,2009

*(Reference available upon request)*