

# Jun Yan (James) Ma

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<b>EDUCATION</b>	Purdue University, West Lafayette, IN B.S. Computer Science, Minor in Psychology	<b>December 2012</b> <b>GPA: 3.60/4.00</b>
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<b>RELEVANT COURSEWORK</b>	<ul style="list-style-type: none"><li>• Operating Systems</li><li>• Web Retrieval</li></ul>	<ul style="list-style-type: none"><li>• Software Engineering</li><li>• Information Systems</li></ul>	<ul style="list-style-type: none"><li>• Software Testing</li><li>• Computer Security</li></ul>
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<b>TECHNICAL SKILLS</b>	<ul style="list-style-type: none"><li>• Languages: C, C++, C#, Objective C, Java, Python, Assembly</li><li>• Databases: MySQL, SQLite, MongoDB</li><li>• Platforms: Unix, Android, Windows Phone, Eclipse</li><li>• Web: HTML, CSS, CoffeeScript, Ruby on Rails</li></ul>
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## WORK EXPERIENCE

Software Development Engineer Intern – Amazon, Seattle, WA	May – Aug 2012
<ul style="list-style-type: none"><li>• Developed an Eclipse plugin for a proprietary data format using Xtext framework</li><li>• Utilized proprietary software to automate hosting of website</li></ul>	
Logistic Assistant Intern – Lecky Metal Ornaments, United Kingdom	Jul – Aug 2009
<ul style="list-style-type: none"><li>• Managed warehouse inventory for batch shipments using Microsoft Navision Software</li></ul>	
Medical Logistics Supervisor – National Service, Singapore	Dec 2005 – Dec 2007
<ul style="list-style-type: none"><li>• Utilized medical logistic software to maintain the military medical center's inventory</li><li>• Obtained audit excellence award for ISO 9001</li></ul>	

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## PROJECTS

Android – Purdue Maps	Aug – Sept 2012
<ul style="list-style-type: none"><li>• Location-based phone application for navigating around campus buildings</li><li>• Utilized SQLite and XML parsing techniques to generate the database of locations</li></ul>	
Windows Phone – Metrocam	Jan – May 2012
<ul style="list-style-type: none"><li>• Picture sharing phone application like Instagram using Silverlight framework in C#</li><li>• Utilized MongoDB for database management</li></ul>	
Website – Deal Aggregator	Jan – May 2012
<ul style="list-style-type: none"><li>• Website that aggregates deals from deal sites using a web crawler and NLP</li><li>• Designed the website's front-end using Ruby on Rails framework</li></ul>	
Loadable Kernel Module	Oct – Dec 2011
<ul style="list-style-type: none"><li>• Kernel module to intercept system calls in the UNIX operating system</li><li>• Recompiled the kernel source code in C and tested using VMWare virtualization software</li></ul>	
Android – VoIP	Oct – Dec 2010
<ul style="list-style-type: none"><li>• Phone application for VoIP communication over a wireless network</li></ul>	

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<b>AWARDS</b>	Dean's List, Semester Honors
<b>CLUBS</b>	Salsa Dance Club, Purdue Latin & Ballroom Dance Team