

Jun Yan (James) Ma

jamesma.1987@gmail.com | 765-586-6596

www.linkedin.com/in/junyanma | <http://jamesma.info>

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

Teaching Assistant – Purdue University, IN	Aug 2012 – Present
<ul style="list-style-type: none">• Assisting professor in grading students' Software Engineering coursework• Coordinating student team projects, guiding their projects' designs and builds	
Software Development Engineer Intern – Amazon, Seattle, WA	May – Aug 2012
<ul style="list-style-type: none">• Developed an Eclipse plugin for a proprietary data format using Xtext framework• Utilized proprietary software to automate hosting of website	
Logistic Assistant Intern – Lecky Metal Ornaments, United Kingdom	Jul – Aug 2009
<ul style="list-style-type: none">• Managed warehouse inventory for batch shipments using Microsoft Navision Software	

PROJECTS

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

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