

Jun Yan (James) Ma

jamesma.1987@gmail.com | 765-586-6596 | 710 N Grant St, West Lafayette, IN 47906

www.linkedin.com/in/junyanma

EDUCATION	Purdue University, West Lafayette, IN Bachelor of Science in Computer Science, Minor in Psychology	December 2012 GPA: 3.59/4.00
------------------	---	---

RELEVANT COURSEWORK	<ul style="list-style-type: none">• Operating Systems• Computer Security	<ul style="list-style-type: none">• Information Systems• Intro to Analysis of Algorithms
--------------------------------	---	---

TECHNICAL SKILLS	<ul style="list-style-type: none">• Languages: C, C++, Objective C, C#, Java, Python, Assembly• Databases: SQL, MongoDB• Systems: Unix, Windows, Mac OS, Android, iOS, Windows Phone• Web Skills: HTML, CSS, JavaScript, CoffeeScript, Ruby on Rails
-----------------------------	---

PROJECTS

Windows Phone Picture Sharing Application	Jan 2012 – Present
<ul style="list-style-type: none">• Develop a phone application like Instagram using Silverlight framework in C#• Administrate MongoDB database for optimized queries from the phone application	

Deal Aggregator Website	Jan 2012 – Present
<ul style="list-style-type: none">• Develop a website that aggregates deals from deal sites using a web crawler and NLP• Design the website's user experience using Adobe Photoshop, CoffeeScript, CSS and HTML	

Loadable Kernel Module	Oct – Dec 2011
<ul style="list-style-type: none">• Constructed kernel module to intercept critical system calls in the UNIX operating system• Recompiled the kernel source code in C and tested using VMWare virtualization software	

Memory Allocation Library	Aug – Oct 2011
<ul style="list-style-type: none">• Constructed a memory allocation library using C to serve as malloc function• Implemented using segregated free lists, boundary tags, coalescing and fence posts	

Android Voice over IP Phone Application	Oct – Dec 2010
<ul style="list-style-type: none">• Developed a phone application for VoIP communication over a wireless network• Presented project to the CS faculty and Motorola representatives	

WORK EXPERIENCE

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• Presented comprehensive monthly progress reports to employees	

Medical Logistics Supervisor – National Service, Singapore	Dec 2005 – Dec 2007
<ul style="list-style-type: none">• Utilized PACES logistic software to maintain the military medical center's inventory• Obtained audit excellence award for ISO 9001	

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