

Tianyi Wang

Permanent address: 1760 Kent Rd, Hoffman Estates, IL 60169
Campus address: 509 E. White Street, Apt. 22, Champaign, IL 61820
Phone: 224-522-9618 | Email: wang103@illinois.edu

OBJECTIVE

To seek for full time position in software engineering.

EDUCATION

University of Illinois at Urbana-Champaign	Urbana-Champaign, IL
5-Year B.S./M.S. program in Computer Science, August 2013	GPA: 3.70/4.00

Related coursework:

Discrete Mathematics	Data Structures
Applied Linear Algebra	Computer Architecture I and II
System Programming	Statistics and Probability
Operating System Design	Programming Studio
Theory of Computation	Individual Study – Android Application
Numerical Methods	Embedded Systems
Interactive Computer Graphics	Programming Languages and Compilers
Software Engineer I and II	Computer System Organization
Communication Networks	Fundamental Algorithms
Database Systems	Distributed Systems
Game Design	Introduction to Data Mining

Hoffman Estates High School	Hoffman Estates, IL
	GPA: 3.78/4.00

PROJECT EXPERIENCE

GuessThatFriend (iPhone app)	Urbana-Champaign, IL February 2012 – May 2012
<ul style="list-style-type: none">Developed an iPhone app that lets user see how well he/she knows about his/her friendsWorked with Git, Xcode, Objective-C 2.0 and iPhone SDK 5.0Worked in a team of eighthttps://wiki.engr.illinois.edu/display/cs428sp12/GuessThatFriend	

Eclipse Refactoring Plugin	Urbana-Champaign, IL October 2011 – December 2011
<ul style="list-style-type: none">Developed a refactoring plugin that converts a local variable into a method parameterWorked with Eclipse JDT APIsWorked in a team of four	

Individual Study (Android app)	Urbana-Champaign, IL September 2010 – December 2010
<ul style="list-style-type: none">Create an Android application containing Java tutorialWorked with GWT and Android API to replace Applet demos	

WZ Create (www.wzcreate.com)	Hoffman Estates, IL
Application Programmer	July 2009 – July 2010
<ul style="list-style-type: none">Program three iPhone applications: Afford It, Computing Assistant, and Elemental Symphony	

- Worked with Xcode, Objective-C 2.0 and iPhone SDK 3.0

WORK EXPERIENCE

Google Inc. Mountain View, CA
Software Engineer Intern Summer 2012

- Kernel programming and user-space programming
- Worked on collecting metrics for flash device
- Learned C, C++, Python, Git, and Perforce

NVidia Corporation Santa Clara, CA
Software Engineer Intern Summer 2011

- Kernel programming
- Worked on improvement for NVidia Kepler GPU driver
- Learned C, C++, and Perforce

Cerner Corporation Kansas City, MO
Software Engineer Intern Summer 2010

- Worked with JUnit testing and test driven design
- Learned Java, Guice, SQL, JDBC, Maven, and Crucible

SKILLS

Computer Skills: C, C++, Objective-C, J2SE, MIPS, 80x86 assembly, Python, Ocaml, OpenGL, Matlab, HTML, PHP, MySQL

Experienced with multi-threaded/multi-processes programming and network/distributed programming, MVC design and Test Driven Design, good understanding of Linux kernel and memory management, 3D graphics pipeline, iPhone application development, and Android application development.

Language Skills: Mandarin Chinese, English

HONORS AND ACTIVITIES

MechMania AI programming contest 2010, Third Place

Association for Computing Machinery -- Special Interest Group for Operating Systems