

Kuan Xing

<http://www.ece.mtu.edu/~kxing/>

kuanslove@gmail.com

(206)605-7679

1809B Woodmar Dr, Houghton, MI USA 49931

SUMMARY

- M.S graduate in Computer Engineering whose interest involves Web/Mobile Application development
- 2 semesters (8 months) internship as software developer with individual full-stack web project and system module integration team work accomplished
- Skillset : Linux/Windows, Java, C/C++, OpenGL, Python, HTML5, JavaScript, jQuery/jQueryMobile, Ajax, XML, JSON, BootStrap, NodeJS, CSS, PHP, AndroidSDK, LibGDX, SQL, Git, AMAZON-EC2, Apache, Spring, Hibernate

EDUCATION

- **Michigan Technological University** Sep 2011 ~ Dec 2013
M.S in Computer Engineering MI, USA
- **Civil Aviation University of China** Sep 2003 ~ May 2007
Electronic Information Engineering Tianjin, China

EXPERIENCE

- **SRS Pharmacy, Inc** Jan 2013 ~ Aug 2013
Software Developer Intern MI, USA
 1. Developed patient signature conversion and exportation tool using C++, PostgreSQL, LibGD. This tool can fetch patient signature stroke data from database, generate graphic files with specific size and package them with CVS format summary table.
 2. Developed patient SMS informing GUI module using C++, PostgreSQL, wxWidgets. This tool provides user graphical interface to input SMS message for patient informing. It uses existing system interface to create/retrieve SMS history.
 3. Developed Online Grocery Store whole website using NodeJS (ExpressJS, PG), HTML5, jQuery, CSS, PostgreSQL. This website implements Ajax and HTML5 front-end file processing feature to reduce back-end pressure and enhance user experience. The entire website includes Customer view and Admin view, which allows owner of the website to manage product and user info easily.
- **Air China Cargo Co., Ltd** Sep 2007 ~ May 2011
System Engineer Beijing, China
 1. Setup Engineering Document management server using Apache, Python, HTML, JavaScript, CSS. This server uses Python script as CGI application to periodically scan Apache document directory and generate updated document category list for the convenient purpose of Engineering Retrieval. This project efficiently reduce working hour and cost for Document management comparing with traditional manually managing.
 2. Setup Engineering training server and took charge of video editing using MS IIS server and MediaEncoder.
 3. Developed Air-Ground data report parsing tool using Python. This project uses Python script to read in Air-Ground data report gateway interface and convert the raw data report into formatted report file and generate report file list by update time order.

PROJECT

- **Online Grocery Store** May 2013 ~ Aug 2013
Full Ajax Online Store Website using NodeJS, jQuery, CSS, providing user/admin interface for management.
GIT: <https://github.com/kuanslove/OGS/tree/master/preview>
- **Team Chrysler MindTrekker** Sep 2013 ~ Dec 2013
A team work developed Android Tablet Driving Game for Chrysler MindTrekker program using Android Java SDK, LibGDX Physics Engine.
GIT: <https://github.com/kuanslove/TeamChrysler>
GIT: <https://github.com/kuanslove/minigame>
- **K.news** Dec 2013 ~ now
K.news is SelfMedia project initiated by individual interest. It will implement both the back-end web service (supplying news collections and managing news) and front-end (Android Mobile version and Desktop browser version) to publish individual info updates.
GIT : <https://github.com/kuanslove/knews>
- **Motion Chart Data Visualization** Oct 2012 ~ Nov 2012
One coursework project to implement user interactive JavaScript Motion Chart using D3.js. It enables dynamically generating graphical elements on web page and manipulating according to user cursor movement.
GIT : <https://github.com/kuanslove/DVprj>
- **OpenGL Interactive Scene** Oct 2011 ~ Nov 2011
One coursework project to implement user interactive OpenGL scene. It renders 3D environment which responds to user operation such as key press and mouse gesture.
GIT : <https://github.com/kuanslove/CGprj>

INSTITUTION CREDIT [-Top-](#)**Term: Fall 2011****College:** College of Engineering**Major:** Computer Engineering

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	4611	GR	Computer Graphics	A	3.000	12.00	
EE	5722	GR	Computer Networks	A	3.000	12.00	
EE	5805	GR	Directed Study in Elec & Comp	A	3.000	12.00	

*** Unofficial Transcript ***

Term: Spring 2012**College:** College of Engineering**Major:** Computer Engineering

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	4451	GR	Network Administration	A	4.000	16.00	
EE	4735	GR	Embedded System Programming	B	3.000	9.00	
EE	5723	GR	Computer and Network Security	AB	3.000	10.50	

*** Unofficial Transcript ***

Term: Fall 2012**College:** College of Engineering**Major:** Computer Engineering

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	5090	GR	Data Visualization	B	3.000	9.00	
EE	5500	GR	Prob & Stoch Processes	AB	3.000	10.50	
EE	5527	GR	Digital Communications	BC	3.000	7.50	

*** Unofficial Transcript ***

Term: Spring 2013**College:** College of Engineering**Major:** Computer Engineering

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
UN	5000	GR	Cooperative Education-Graduate	A	1.000	4.00	

UN 5000 grade changed from P

*** Unofficial Transcript ***

Term: Summer 2013

College: College of Engineering

Major: Computer Engineering

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
UN	5000	GR	Cooperative Education-Graduate UN 5000 grade changed from P	B	1.000	3.00	

*** Unofficial Transcript ***

Term: Fall 2013

College: College of Engineering

Major: Computer Engineering

Subject	Course	Level	Title	Grade	Credit Hours	Quality Points	R
CS	4099	GR	Directed Study in Computer Sci	A	1.000	4.00	
HU	0125	GR	Int'l GTA Assistance Program	V	0.000	0.00	

*** Unofficial Transcript ***

TRANSCRIPT TOTALS (GRADUATE) -Top-

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Total Institution:	31.000	31.000	31.000	31.000	109.50	3.53
Total Transfer:	0.000	0.000	0.000	0.000	0.00	0.00
Overall:	31.000	31.000	31.000	31.000	109.50	3.53