

KUAN XING

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

kuanslove@gmail.com

(206)605-7679

1809 Woodmar Dr, Houghton, MI USA 49931

SUMMARY

- M.S graduate in Computer Engineering, interest involves Network/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, AndroidSDK, Python, HTML5, JavaScript, jQuery, Ajax, XML, JSON, BootStrap, NodeJS, CSS, PHP, LibGDX, SQL, Git, Ruby, AMAZON-EC2, Apache

EDUCATION

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

EXPERIENCE

- **SRS Pharmacy, Inc** Jan 2013 ~ Aug 2013
Software Developer Intern MI, USA
 1. Developed new patient signature converting module for existing system. Developed new patient SMS message informing GUI module for existing system. Skill and tools include C++, PostgreSQL, wxWidgets, Shell, CVS, Centos5.
 2. Developed RESTful Ajax support single page web application. Skill and tools include Node.js, HTML5, jQuery, CSS, PostgreSQL, Ubuntu12.04.
- **AirChina Cargo Co., Ltd** Sep 2007 ~ May 2011
Assistant System Engineer Beijing, China
 1. Airworthiness documentation processing. Engineering projects scheduling.
 2. Engineering documents system setup and maintenance.

COURSEWORK

Computer Graphics, Computer Networking, Data Visualization, Embedded system, Probability and Statistic, Network Administration

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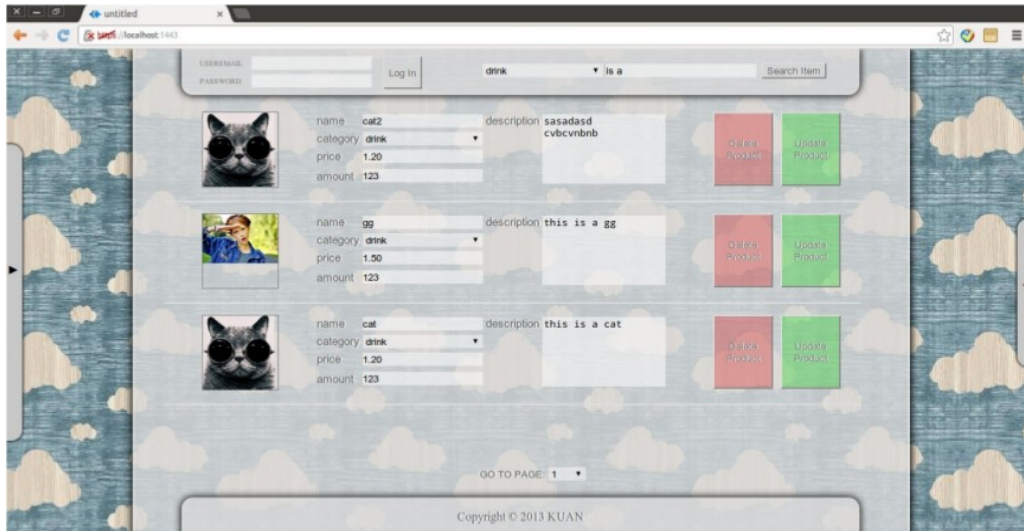
PROJECT LIST

Web Development

- **Online Grocery Store**

Summer Internship Project. A fully-Ajax website to enable local people post sales info online, single shop model(easy to deploy) with administration front-end supported.

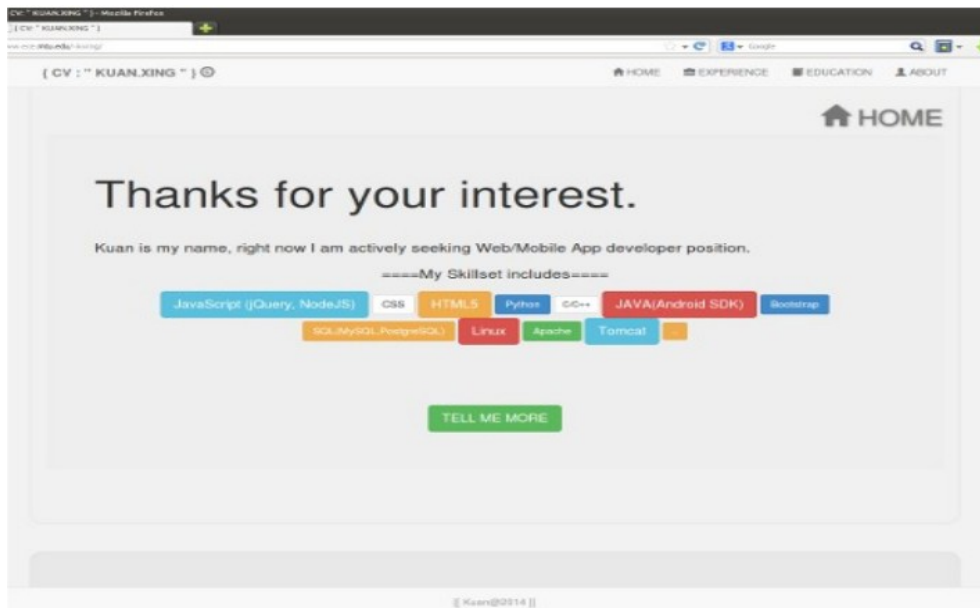
GIT: <https://github.com/kuanslove/OGS>



- **Personal Homepage**

A Bootstrap3 supported personal website to host my Resume.

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



PROJECT LIST

1. Android Development

- **Team Chrysler MindTrekker game**

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>

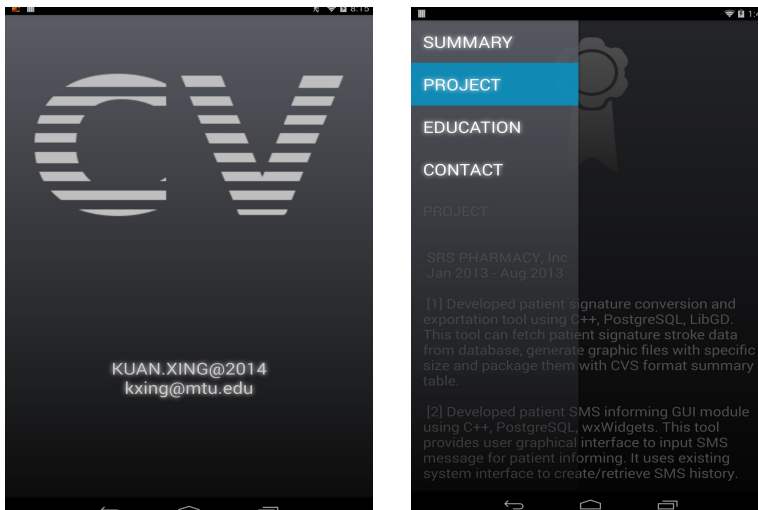
GIT: <https://github.com/kuanslove/minigame>



- **My Mobile APP CV**

An navigation drawer layout app, which involves activity switch, message passing, layout configuration, navigation drawer usage, ListView, Adapter and Fragment utilities.

GIT: <https://github.com/kuanslove/CVApp>

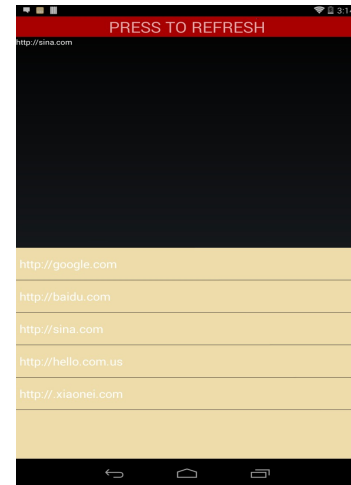


PROJECT LIST

- **K.news**

A simple Android prototype project to try HttpClient/JSON Parser and Node.js Framework. It uses HttpClient to initiate AsyncTask request to server side and fetch JSON data from server, once data is ready, render the UI list interface to show updated info.

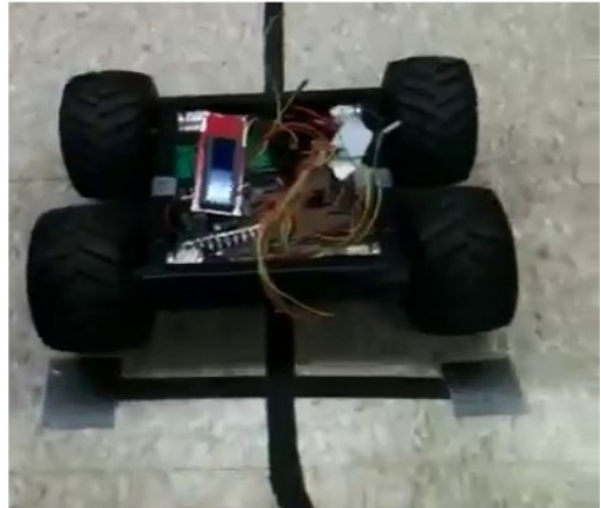
<https://github.com/kuanslove/knews>



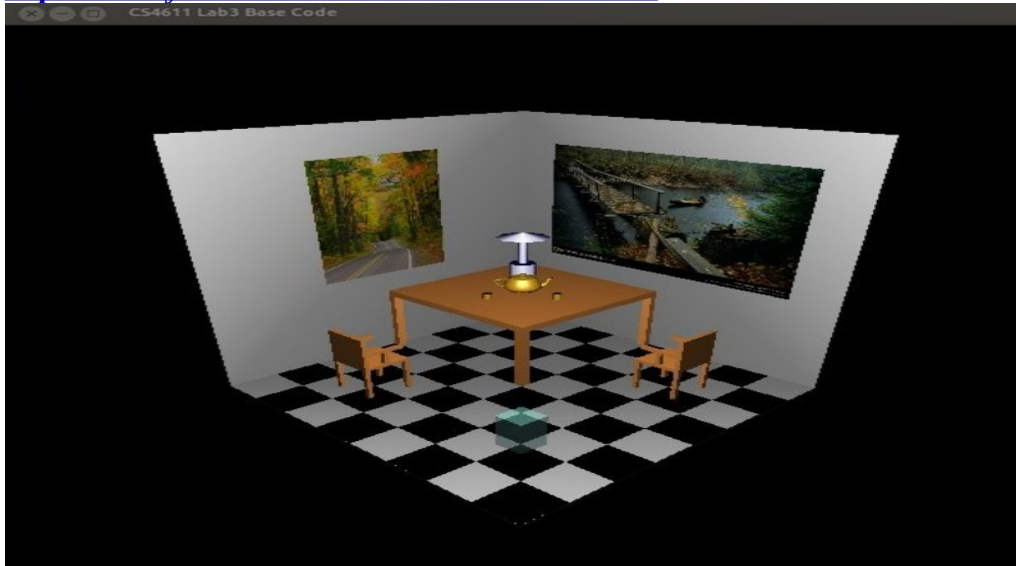
PROJECT LIST

Course Work

- **Auto Track Detecting Robot(Line Mapper)**
Embedded System Programming project. Encoding Msp430 target board which samples photoelectric sensor voltage data to detect and follow black tape track heading changing, and counts total passing cross number.
https://www.youtube.com/watch?v=oNeKejtr_pc



- **OpenGL Interactive scene build-up**
Computer Graphics project. This OpenGL interactive scene can respond to user mouse and keyboard input to switch light, change rotation, position and visibility.
<https://www.youtube.com/watch?v=eknkHRTd000>
<https://www.youtube.com/watch?v=FAeunlJt9hA>

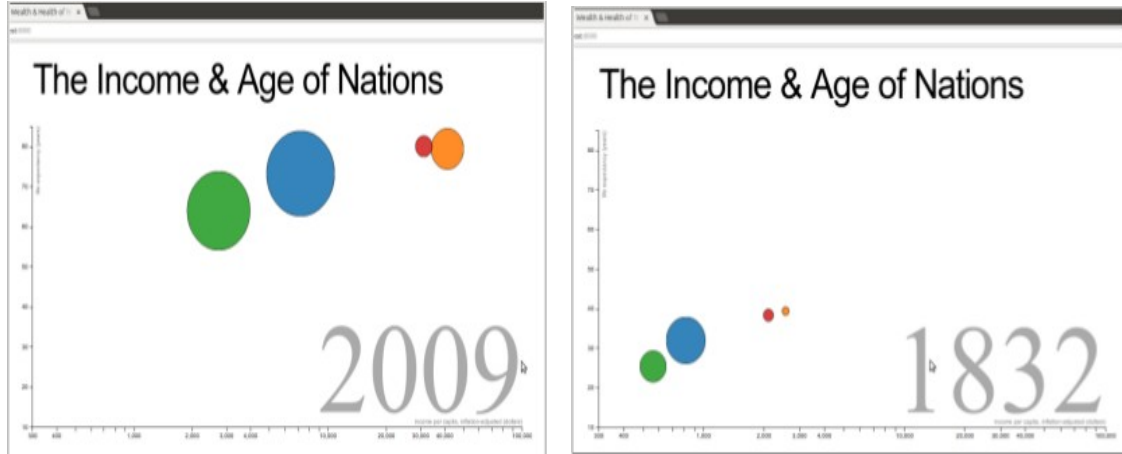


PROJECT LIST

- **Interactive Motion Chart with D3.js**

Data Visualization project. Using D3.js library to build a interactive motion chart to display data changing according to user mouse cursor HOVER position above certain area of YEAR.

<https://github.com/kuanslove/DVprj>



- **Linux System Network Administration**

A series of projects which include Routing, DNS, Email, SSH server setting up.