Shao Wang

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INTRODUCATION

Graduated with strong programming education background. Currently looking for entry-level software engineer position.

Proficiency: C/C++, SQL, Javascript, html/css, Matlab, Verilog

Experience with: Ruby, python, JAVA, Android

EDUCATION

Jan. 2013	B.S.E in electrical engineering, University of Michigan, Ann Arbor	Core GPA: 3.05/4.0
Aug. 2012	B.S.E in electrical and computer engineering, Shanghai Jiao Tong University, China	GPA: 3.01/4.0

WORK EXPERIENCE

Web developer intern, 2redbeans.com, Oct. 2013 – Feb. 2014

Improved user experience of the mobile website of 2redbeans.com using Javascript HTML/css.

Added an auto loading feature integrated into the website.

Added a mobile-friendly picture gallery to the user's profile page.

Helped fixing front-end bugs

Developed an Android application to be released on TV box.

Developed a beta Android PhoneGap app for 2redbeans.com.

COURSE PROJECT

The F-3 166 MHz Processor, graduation project

Implemented and synthesized a two-way out of order superscalar processor using C. Responsible for re-order buffer, load queue and store queue.

MyVol Music player on Android

Designed and implemented a music player which normalized the volume loudness difference between music tracks using a PHP server and DSP algorithm.

Stochastic bit stream based application

Implemented a noise deduction application on Matlab to demonstrate the advantage of probability encoding.

Formal verification on traffic light system

Used NuSMV to verify a logic design of a traffic light system

Database Design for Social Network Data

Implemented a relational database for storing information on social network with JAVA and JDBC

Minirel 2K, Database system implementation

Built a working simplified DBMS

Multi-threaded programming and thread library

Implemented a thread library and wrote a simple concurrent program that scheduled disk requests

EXTRACURRICULAR ACTIVITIES

Vice President, Publicity Department of Student Union, Joint Institute, Shanghai Jiao Tong University

Organized promotion and advertising for various activities organized by Student Union.

Designed posters, booklets, billboards and edit videos.

Run workshop of Adobe Photoshop, Premiere, Audition, After Effects.