

YILIN(ELAINE) GUO

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EDUCATION

University of Michigan

Expected Apr 2017

B.S.E. in Computer Science Engineering

Courses taken: data structures and algorithms, database, operating systems, machine learning, probability and statistics

Shanghai Jiao Tong University, China

Expected Aug, 2017

B.S.E. in Electrical and Computer Engineering

Honors: Selected on the Dean's list, 2013 - 2014 academic year

WORK EXPERIENCE

Technical Intern

Aug 2016

Logic Solutions

Ann Arbor

- interface with clients
- turn business and functional requirements into System Requirements Specification, design application wireframes, design comps
- assist in usability studies and issues
- further our user experience integration, program web and mobile applications
- test applications

PROJECTS

Mobile Sakai Android App

May 2014

Member in team of five

Shanghai

- Designed for students to browse resources, query assignments and exam grades
- Implemented an alarm function to alert due time
- Set up one Sakai 10 server via Tomcat
- Utilized the Sakai API for due time, appointment time, etc
- GUI implemented using Java via Android Studio

Cross-4 Chess Game

Sept 2015

Individual

Ann Arbor

- Enables two players to play cross-4 while chatting concurrently
- Socket programming with one server and two clients
- GUI implemented with Java *swing*
- Chatting function implemented with Java *thread*

TECHNICAL STRENGTHS

Computer Languages

C++(proficient), Java(proficient), C(prior experience), Python(prior experience)

Other Languages

SQL, HTML, R, Verilog, Matlab, L^AT_EX, Markdown

Operating systems

Windows, Linux (redhat, debian, and ubuntu)

Tools

Git, Vim, Valgrind, gdb, zsh