

YILIN GUO

1861 Shirley Lane, Apt B2

(734)846-1766 ♦ guoyilin@umich.edu ♦ yilinguo.github.io

EDUCATION

University of Michigan

Expected Apr 2017

B.S.E. in Computer Science Engineering

Courses taken: eecs281, eecs285, eecs312, eecs370; Courses taking: eecs376, eecs482, eecs484, stats412

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

CORE QUALIFICATIONS

Excellent ability to learn and implement new programming concepts

In-depth understanding of C++ and Java

Ability to lead and collaborate in programming

Stick to timing and deadlines

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
- Tested and validated on Android 4.0

ER-Reader Prototype

Sept 2015

Individual

Ann Arbor

- Able to select books from the library, turn pages with page number displayed
- GUI implemented with Java *swing*
- Search function and database back end to be implemented

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