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*

· For browsing resources, querying assignments and exam grades
· Implemented an alarm function to alert due time
· Set up one Sakai 10 server via Tomcat
· Utilize the Sakai API for due time, appointment time, etc
· GUI implemented using Android Studio
· Tested on Android 4.0

ER-Reader Prototype   Sept 2015
Member   *Ann Arbor*

· Able to select books, 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
Member   *Ann Arbor*

· Enables two players to play cross 4 as well as chatting
· 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, LaTeX, Markdown
Operating systems	Windows, Linux (redhat, debian, and ubuntu)
Tools	Git, Vim, Valgrind, gdb, zsh