

YILIN GUO

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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

E 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++, C, Java, Python

Other Languages

Verilog, Matlab, Mathematica, R, L^AT_EX, Markdown

Computer Skills

Mathematica, Origin, Pspice, Adobe Premiere Pro

Operating systems

Windows, Linux (redhat, debian, and ubuntu)

Tools

Git, Vim, Valgrind, gdb, zsh