

# YILIN GUO

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## EDUCATION

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### 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

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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

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### 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

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### Computer Languages

C++, C, Java, Python

### Other Languages

Verilog, Matlab, R, L<sup>A</sup>T<sub>E</sub>X, Markdown

### Computer Skills

Mathematica, Origin, Pspice, Adobe Premiere Pro

### Operating systems

Windows, Linux (redhat, debian, and ubuntu)

### Tools

Git, Vim, Valgrind, gdb, zsh