

YU, LIANG

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EDUCATION

Northeastern University Boston, MA, United States Septempber, 2010 – present

College of Computer and Information Science GPA 3.25/4.0

Candidate for a Master of Science in Computer Science December, 2012

Related Courses: High Performance Computing · Algorithms ·
 Program Design Paradigms · Managing Software Development

Nanchang University Nanchang, Jiangxi, China Septempber, 2005 – June, 2009

College of Science, Department of Mathematics

Bachelor of Science

Related Courses: C Programming Language · Introduction to Linux ·
 Discrete Mathematics · Assemble Language(IBM)·
 Data Structures · Mathematics Modeling ·

COMPUTER KNOWLEDGE

Operating Systems: Linux(Ubuntu), Mac OS X, UNIX
Languages: C, Java, SHELL, Scheme, SQL, Regular Expression, \LaTeX
Development Tools: Eclipse, VIM, Make, GDB, MySQL, GIT, SVN

INTERNSHIP EXPERIENCE

MutinySoft LLC July, 2011 – August, 2011

Android Game Development

- Drafted ten static screens on papers and designed the main work flow for this Game.
- Implemented Android APIs to render static screens on Andorid Virtual Device.
- Wrote Java code to genearate instant 2D animation and sound effect.
- Coordianted with graphic design teammember to improve the UI.

PROJECTS AND EXPERIENCE

Northeastern University Boston, MA January, 2011 – April, 2011

Porting DMTCP from Linux to Mac OS X

- Analyzed how DMTCP is implemented under Linux.
- Listed all the differences between Linux and Mac OS X, which impacts this porting project.
- Probed the memory boundary for a process's stack, heap, data, and text parts, by using self-defined SIGSEGV handler and setlongjump call().

Northeastern University Boston, MA March, 2011

Server-based Multi-User Tank-war Game

- Implemented Java threads to instantly render 2D graphics and sound effect.
- Implemented TCP protocol to set up connect between client and server, used UDP protocol to transfer data between clients and server.

ACTIVITIES AND INTERESTS

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- Interested in traveling, hiking and bicycling

References available upon request