

Lu Li

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EDUCATION

Beijing University of Posts and Telecommunications Beijing, China 09/2011-Present
B.Eng Communication Engineering GPA: 84.6/100 Major GPA: 86.5/100

Selected related courses: C++ Programming Fundamentals, Java Programming, Data Structures,
Computer Communications and Networks, Linux Operating System,
Big Data and Internet Information Mining,
Design and Development of Web Programming

SELECTED PROJECTS AND RESEARCH

Research on Reconfigurable Cloud Computing Platform

Collaborative Project with Imperial College London Tsinghua,China 05/2014-07/2014
Lab: Center for Advanced Mobile Computing Technology Advisor: Associate Prof. Shouyi Yin

- Wrote the load balancing and task scheduling algorithms for a reconfigurable parallel computing platform based on Hadoop
- Used resource virtualization management of clusters consisting of RPU's to improve execution performance for computationally-intensive tasks like video decoding

Analysis on Mobile Data Services

Collaborative Project with China Unicom BUPT, China 03/2014-05/2014
Lab:Future Network Theory and Applications Laboratory Advisor: Associate Pr. Hongyan Cui

- Responsible for installing, configuring, maintaining and administering a Hadoop cluster
- Analyzed mobile phone users' traffic data and figured out the behavior patterns and trends

Design and Implementation of an Induction Cooker Controller 10/2013-11/2013

- Programmed with VHDL, ran simulations using Quartus II, debugged the development board, used the finite state machine and top-down design method for digital systems
- implemented the digital dot-matrix display and functions for regulating the fire, selecting the cooking mode, and using the countdown timer

WORK EXPERIENCE

Software Engineer Oracle, Beijing 10/2014-Present

- Writing UI/UA test cases in Perl using the automatic testing tool Selenium under the farm testing environment, testing the functions of Enterprise Manager 12c under Linux OS
- Testing new characteristics displayed in nine different language environments and mastered the ADE code management system, checking log files

Software Test Engineer IBM , Beijing 08/2014-10/2014

- Wrote automatic functional test scripts and regression test scripts using the Rational Functional Tester tool, and wrote web load testing scripts using LoadRunner
- Performed SCM business flow tests and UI tests, and completed the user manual

LEADERSHIP AND VOLUNTEERING

Volunteer for the National Library of China 09/2014-Present

Volunteer for China's National Centre for the Performing Arts 09/2012-07/2014

Member of the BUPT Student Union Marketing Department 09/2012-07/2013

AWARDS

Third Prize Scholarship 2014

Third Prize for the National E-Commerce Competition 2013

Third Prize Scholarship 2012

SKILLS AND STANDARDIZED TESTS

Programming: C/C++, Linux, Java, Hadoop, Matlab, VHDL, SQL, Perl, R, Html(CSS, JavaScript),
Python

Language: GRE: 152(54%) + 170(98%) + 3(15%)

TOEFL: 104 (30L+26R+20S+28W)