Zhaozhong Li

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EDUCATION

LANZHOU UNIVERSITY
MS in Computer Technology
China, Lanzhou
School of Information Science and Enginerring

UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA
BS in Software Enginerring
China, Sichuan
School of Information and Software
Major GPA: 3.49 / 4.0

LINKS

Github:// **lzz5235**
LinkedIn:// **lizhaozhong**

SKILLS

PROGRAMMING
C/C++ design pattern > Shell > Python > Java

FAMILIAR KERNEL
MCE, Signal, Kthread,Physical Memory-Management, Interruption, VFS, CFS,Kernel Driver development
Familiar:
gcc, gdb, cscope, ctags, make, strace, Kdump Toolchain, LXC, Docker
Familiar Tools:
Linux(Fedora,CentOS,Debian), Vim, Git, LATEX Markdown, Apache, Dia

ALGORITHM
- Using C++ to solve the kinds of Algorithm
- Especially in Array/List/Binary Tree
- set/stack/hash_map/list/queue

PROJECT

LINUX RAS MODULE DEVELOPMENT | Accomplish RAS (Reliability, Availability ad Serviceability) of the server.
Oct 2014 - Present | Lanzhou, China

As a core member of the project, Linux RAS Module Development intends to avoid multi-bits error in memory through signal mechanism instead of panic or killing the tasks.
- analyzing the MCA subsystem and modify the workflow of Machine Check Exception to notify the target processes/kernel threads.
- elaborating the PALLOC+LXC+CRIU Environment to avoid faults propagation and isolation.
- Using memory test offline to test Bad-Page. The project's goal intends to accomplish RAS (Reliability, Availability and Serviceability) of the server.

JOS | Smallest Operating System
Dec 2013 –June 2014

JOS: will have Unix-like functions (e.g., fork, exec), but is implemented in an ex-okernel style (i.e., the Unix functions are implemented mostly as user-level li- brary instead of built-in to the kernel).
- Booting
- Memory management
- User-level environments
- Preemptive multitasking
- File system
- Shell

WECHAT PLATFORM DEVELOPMENT | Code:lifestyle day
Sep 2013 - April 2014

Users could input specific information to query what they want, and then lifestyle day would response users requirements. I use Java and Tomcat to set up server and parse the xml. The data resource is from Baidu API.

DISTRIBUTE STORAGE SERVICE | Server Development
Dec 2012 -June 2013

Using epoll, non-blocking and thread poll to response much more users' oper- ation. Relative copies are included in the server; for example, the file stored on the different servers could avoid specific server broken down.

AWARDS

2015.6	Netease MOOC-The Certificate of Software testing
2015.3	Netease MOOC-The Certificate of Python program training
2014.12	MIIT SKILLS certification-Advanced Linux kernel Engineer
2014	The Academic Scholarship in LanZhou University
2013	The Academic Scholarship in LanZhou University
2013	The Third Prize Scholarship in UESTC
2012.2	The Certificate of Accomplishment immersion programme organised by NGEE ANN POLYTECHNIC
2012	The Adanced administritor certificate of AIX Big machine
2011	The Certificate of Accomplishment Trainning at Neusoft Inc.