Zhang Peng (Male)

Anhui University Of Science And Technology (2014 term) automation

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**Target Position：Software Development Engineer**

**Professional Skills**

Proficient in Python scripting and shell script programming, familiar with Django WEB development framework, HTML; familiar with UNIX/LINUX operating system and DB2 MySQL database, familiar with the basic statement of the database and optimization methods; familiar with the TCP/IP protocol, sock programming; familiar with C, C language programming, a good encoding style and master the common GDB debugging tools and Makefile.

**Project Experience**

Project one: MP3 player project based on Linux  
Software environment: Centos5.6 Linux  
Development tool: VIM GCC makefile Centos5.6  
Project responsibilities:  
1,search MP3 music files, and form a MP3 song list of files, easy to check the additions and deletions  
If there is a file list information from the file form MP3 song files list, if not, then search all the default MP3 file path, the establishment of such a MP3 song file list, and save to a file.  
2,MP3 software interface, display the basic function, and prompts the user input, according to the user input, the instruction analysis, complete the relevant operation.  
3,play list display, add, delete, select.  
4,play the song file display, add, delete, select.  
5,play mode selection: default, random, cycle, single cycle.  
6,play control: play, pause, stop, the last song, the next song, volume control.

Project two: Linux LAN communication based on feibook  
Software environment: Centos6.2 Linux  
Development tools: QTCreator Centos6.2  
Responsibility: support the local area network to send information, folders, multi file, based on TCP/IP, can be run on a variety of operating platforms, automatic search online users.  
Project Description: feibook packet starts using the UDP protocol to the 255.255.255.255 broadcast address to send broadcast packets, the default port is 2425, the broadcast package includes user name, the working group, the host name, IP and other information; establish a UDP client server model for local area network chat fast; build TCP server accept client, sending and receiving file; user on-line and off-line when sending on-line and off-line broadcast packets, other users start receiving thread packet receiving data packets, refresh the chat list.

Project three: Bank of agricultural credit related projects  
Software environment: RedHat  
Development tools: Vim  
Main responsibilities: Bank of agricultural credit projects related to business development and demand  
Project description:  
Mainly involves nongxinyin business procedures related to the development and perfection, for example: Yinzhou summary acquisition and check data reconciliation, using customized ESBuilder platform, I and Yinzhou communication message format and message data, and by sending and receiving messages to realize data transmission; in the Starring platform C language program processing packet data, including sending messages and receiving messages, to get access to the database and reconciliation document summary, the data recorded in the DB2 database.

Project four: IT cloud automatically create the environment and access to the development of the background data interface  
Software environment: Linux  
Hardware environment: Windows  
Main tools: Vim, Eclipse  
Main responsibilities: using Python to achieve the interface to create a key dynamic environment and the development of the interface to get the relevant data, using python, shell and other script to achieve some of the related functions.  
Project Description: according to the different network forms and different application environment, using Python to achieve the interface of a type of dynamic creating virtual machines (VM virtual machine, windows, Linux, Euler and other operating system), including the environment and network card IP address assignment and other basic configuration, the creation of the virtual machine is mounted on the IT cloud server to realize, communication network environment. These create environment combined with impeller testing tools to batch test scripts, and shell, a batch script loading configuration parameters, finally realizes the automatic test environment IT cloud deployment.

Project five: test script environment for automatic chemical plant  
Software environment: Linux  
Hardware environment: Windows  
Main tools: Python, shell  
Main duties: to achieve the deployment of the test environment  
Project Description: integrated test environment in each test script before, need to do some preparation, on the environment include: version of package access, update the environment clean, update script. The preparation of shell, Python and other script to achieve in order to achieve the purpose of automation.

**Personal Honor**

1, Zhejiang China Linux embedded Mp3 player based on the first project  
2, the eighth "Renesas Cup" National Undergraduate Electronic Design contest first prize  
Fifth, Anhui University Of Science And Technology, the 3 Challenge Cup two and other awards  
4, full scholarships, outstanding League cadres, school outstanding student cadres  
5, the national computer C grade examination (excellent)

**English Level：CET-4**

**Hands-on Background**

1, Beijing advanced information technology Limited by Share Ltd (2014.7-2015.4)  
Job: C Project Engineer  
Job responsibilities: mainly responsible for bank credit related business software development and maintenance.  
2, ChinaSoft International Technology Services Limited (2015.4-now)  
Test Development Engineer  
Job responsibilities: automatic chemical plant deployment and maintenance of the cloud environment, mainly responsible for the development of the project in the script, including: Python, shell, batch processing and other scripting languages.

**Education Experience**

2010-2014 graduated from the Anhui University Of Science And Technology, the University of professional automation  
2014.3-2014.7 to participate in embedded system training, system learning C C, Linux programming, database, advanced programming, network programming, etc.

**Appraise Oneself**

For the positive, responsible, easy-going, helpfulness, self-learning ability, good team cooperation ability.

The love of the software industry, software development to master the related knowledge, good encoding style and habits.