ZhenFang

Master of CS from XiDian University

About

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Languages

Chinese mother tongue
English

programming

Python, C/C++

Education

2011–2012	**Masters** of Computer Science	XiDian University

Scheduling on Cloud Plantform
Mainly engaged in Allocation of resources on computing platform, such as the virtual machine resource allocations, virtual machine placement policies, the allocation of resources for tasks and task execution order and other related research.

2007–2008	**Bachelor** of Computer Science	XiDian University

Specialization in Computer Science and won the scholarship many times

Project

2013–Now	**Electromagnetic Collaborative Cloud Computing Platform**	XiDian University

Develop automated deployment of electromagnetic calculation on the Open-Stack platform with OpenMPI, which supports dynamic deployment, reasonable resource scheduling, live migration and disaster recovery.
Detailed duty:

- Responsible for the system design.
- Research on cloud computing platform for resource and task scheduling.
- Responsible for the overall preparation of background task processing system.
  Including:
  - In server, database design and the server programming.
  - In client, receive server control commands and returns the execution status.
  - Process input/output file transmission as well as the design of service interfaces.

2014	**Traffic Data Collection Project**	XiDian University

On this project we use the API of the camera on the traffic light to get the car passing by information. We write receiving and storage system to handle large photos taken by the camera of the traffic lights. We improve the sending and receiving capability of original systems by a factor of 5 times.
Detailed duty:

- Responsible for receiving program and database services program design.
- Multi-Thread processing the photo collected by the camera in the server side.

2013	**iXiangche**	iXiangche Team

iXiangche is a positioning in the car "after buying service" Internet platform in the market. Integrating offline auto service shops sources, targeting the local majority of car owners, provide cost-effective auto services.
Detailed duty:

- Responsible for user login module coding.
- Responsible for the back-end database and the vendors and users the back-end server coding.

Experieence

2014	**CSDN Open Source Campus**	CSDN

Memcached performance optimization problem and currently study the issue and solutions

2013	**Yahoo BeiJing Hackday On–Site Final**	Yahoo,BeiJing

Write mobile application "AïYou" which records the user's trip Photos, locations and other information. Personally responsible for cell phone background processing.

2012	**Tencent Hackday On–Site Final**	Tencent ShenZhen

Write mobile applications "street comment" which gets street view by the mobile phone camera Lenses, and display other user's comments on top of the street view. Personally responsible for performing background processing.

2012	**Microsoft Imagine Cup**	XiDian University

Write mobile reading software "ReadOne" which collects online material to provide users to read, mainly responsible for the recommendation algorithm and user ranking algorithm.

2011	**Internship**	Alibaba Inc

Internships in Taobao. Mainly responsible for internal data analysis site Pecker.

2010	**MiniSQl Interpreter**	XiDian University

Based on the lex and yacc makes a SQl language interpreter with C, implements a simple analysis and SQL syntax and storage implementation. Individuals responsible for lexical analysis, syntax analysis and syntax tree construction.

Communication skills

2012	**The MSTC of Xidian**	XiDian University

Be an member of the MSTC club of Tech Department of the postgraduate and become echnical experts in the next year.

2012	**The Tencent Innovation Club**	XiDian University

Be an member of the Tencent innovation club of Tech Department.

2009	**The MSTC of Xidian**	XiDian University

Be an member of the MSTC club of Tech Department of the undergraduate.

Awards

2013	**Best Software Award**	XiDian SSTA Hackday

"Smart Router", mainly add a web server on the router to provide Internet access, equipment control features, personal primarily responsible for background processing

2013	**Postgraduate Scholarship**	XiDian University

The First Prize Scholarship for the second year of master.

2012	**Gold Award**	Tencent Q robot Competition

Tencent Q robot speech robot application development, and write the corresponding machine feedback for the voice input, final software "bai bian xiao dai" won the Gold Award.

2012	**Postgraduate Scholarship**	XiDian University

The First Prize Scholarship for the first year of master.

2011	**Bronze Medal**	Asia ACM/ICPC Regional

The 2011 ShangHai ACM/ICPC on-site Regional.

2011	**Bronze Medal**	Asia ACM/ICPC Regional

The 2011 BeiJing ACM/ICPC on-site Regional.

2011	**Undergraduate Scholarship**	XiDian University

The First Prize Scholarship for the senior.

2010	**Bronze Medal**	Asia ACM/ICPC Regional

The 2011 TianJin ACM/ICPC on-site Regional.

2010	**Undergraduate Scholarship**	XiDian University

The Second Prize Scholarship for the junior.

2010	**First Prize**	The Programming Competition Of XiDian University

Xidian University Programming Competition and the contest of the selection of the XiDian University ACM team.

2010	**Second Prize**	The Mathematical Modeling Competition Of XiDian University

Xidian University Mathematical Modeling Competition and the contest of the selection of the XiDian University Mathematical Modeling team.

2009	**Undergraduate Scholarship**	XiDian University

The Second Prize Scholarship for the second year student.

2008	**Undergraduate Scholarship**	XiDian University

The Second Prize Scholarship for the freshman.