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Internships

Alipay(China)Network Technology Co., Ltd.　　2013.7 - 2014.4

I worked as an intern at the OceanBase team. My responsibility includes：

- obmonitor project: Obmonitor is developed to monitor the Ocean-Base and send alarm infomation to the DBA in case of any failure. I am the main developer and maintainer of this platform. During the Double 11,I built a dashboard system monitoring the OceanBase database, and the system can work stably in the production environment.
- log-center project: Log-center is a log processing tool I created independently. When the cluster of OceanBase database or some components fail, the DBA need to search logs to find reason across multiple components. Besides,the amount of log OB generated every day up to TB level, so our team need a detection and monitoring tool. The difficulty of the project is to provide nearly real-time computation and query for log data in large scale. Storm is used to implement real-time computation and SolrCloud is used to implement distributed index and query.The web layer is built with Spring MVC+Spring+iBatis. By the time I left Alipay, the project has been runing online for a month.

Zhonghuai Supply Chain Co., Ltd.　　2014.6 - 2014.9

I lead the development of a electronic mall project during the internship. My responsibility includes:

- I designed and implemented the main functions of the front-end and back-end for the electronic mall. The difficulty of the project is to understand the requirements of the supply chanin and provide high performance and stability online.
- Project Site：Zhonghuai Supply Chain

Project

algorithm-hodgepodge　　2014

C++ Project. It concludes three parts.1. A simple STL，including most important data structures, iterators and function objects. 2. A solution set for the typical algorithm problems. 3. Implmentation of some sotrting algorithms. This is a toy project of my interest.

Ticketting System　　2013

Linux C Project. This system gave a simple C/S architecture in Linux to simulate ticketting system. IPC is used to implement the concurrency of the server. Mysql is used to store data.

Invest Predicting System for Jinagsu Grid Co.　　2013

A outsourcing project. Main function is to predict the investment based on historical data. I'm in charge of the data processing and presentation module.

Vertical Search Engine for eclectronic commerce website. 2012

Java Project. A vertical search engine for main eclectronic commerce websites. This project is awarded honor prize in China Software Cup.

Skills

Programming Languages	C++, Java,Python, javascript, php
Tools	Vim, Git, SVN, CGDB, valgrind, IntelliJ, CMake
Operating Systems	Ubuntu, CentOS, Windows

Education Backgroud

2014.9 - 2016.6	**Master candidate, Software Institute, Nanjing University**
2010.9 - 2014.6	**Bachlor, Software Institute, Nanjing University**

Prize

2014	**Excellent graduates of Nanjing Unviersity.**
2013	**Xin Hongji Scholarship.**
2012	**Honor Prize of China Software Cup**

Grade

GPA	4.3/5
Ranking	Top 20 of 210

Foreign Languages

English	CET-6

Links

GitHub: https://github.com/Haoson
Blog: http://haoson.github.io/