Yang Dong Liu

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Work Experience

2016.12–
2017.07
IBM, *China Development Lab (CDL)*, IBM Machine Learning on z/OS Team.
Working on dockerizing IBM Machine Learning on z/OS Platform, and building continous integration and deployment workflow. The efficiency of development, test, build, deployment was improved greatly through my hard work and I was selected for 2017 IBM Team Delivery Excellence Award.
1.Worked on using Docker to dockerize micro-services, and using Kubernetes to orchestrate containers.
2.Worked on using Jenkins and Shell scripts to build Docker images automatically.
3.Worked on using Ansible and Shell scripts to deploy the platform automatically.
4.Worked on using Selenium and Python to test the Web UI part of the platform automatically.
5.Worked on setting up and maintaining Docker Registry, Jenkins cluster, Nexus, Spark, Hadoop etc environment.

2016.04–
2016.12
IBM, *China Development Lab (CDL)*, IBM Commerce on Cloud Team.
Worked on develpment, build, deployment of a database query tool named AutoQuery.
1.Worked on implementing the core functionality of AutoQuery using Java, JSP, Jquery, Bootstrap, Liberty, DB2.
2.Worked on dockerizing AutoQuery using Docker.
3.Worked on using Jenkins and Shell scripts to build AutoQuery Docker image automatically.
4.Worked on using IBM Urban Code Deploy to deploy AutoQuery automatically.
5.Worked on using Logstash, Elastic Search, Kibana to collect and display logs of AutoQuery.
6.Worked on using Registor, Consul, Consul Template to implement AutoQuery discovery automatically.
7.Worked on automatical deployment of AutoQuery on Marathon/Mesos.

2015.07–
2016.04
IBM, *China Development Lab (CDL)*, IBM Commerce on Prem Team.
Worked on Cross Boarder Trade Project, mainly focused on development and unit test of Catalog, Cart, Calculation, Passport modules using Java, JQuery, Spring, JSP, DB2, Liberty etc.

Internship Experience

2015.04–
2015.06
IBM, *China Development Lab (CDL)*, IBM Commerce on Prem Team.
Worked on OMNI Service Project, mainly focused on development and unit test of Cart module using Java, DB2, Liberty etc.

2014.06–
2015.02
DIDI, *Product and Technology Department*, Anti-Cheating Team.
The scope of the internship involved mining and analyzing cheating characteristics, making anti-cheating strategies.
1.Worked on replacing HBase by Redis to improve querying efficency.
2.Worked on development of Suspected Orders Audit module using PHP, Mysql.
3.Worked on creating unique identification of drivers and passengers using Union-Find algorithm.
4.Worked on mining trajectory characteristics to extract features.

Education

2012.09–
2015.07
M.S. in Computer Software and Theory, *University of Chinese Academy of Sciences*.

2008.09–
2012.07
B.S. in Computer Science and Technology, *Shandong University*.