Yabin Ping

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🎓 Education

Shanghai Jiao Tong University, Shanghai, China   Sept. 2012 – Apr. 2015
Master student Computer Science(CS).

Hunan Agriculture University, Hunan, China   Sept. 2007 – Jun. 2011
B.S. in Computer Science(CS).

⚙ Skill Set

- Programming Languages: Python, Golang, C/C++.
- Skills: Data structure & Algorithms, Machine Learning, Thrift RPC, RabbitMQ, Redis, MySQL,Zookeeper
- Classes: Operating System, Data Structure, Networking, Database Principle

👥 Experience

Rajax Network Technology Shanghai, China   May. 2015 – Present
Technical Leader

In order to improve the quality of take-out service, a related problem is how to improve the transportation of foods to customers efficiently. So we design the platform, and my contributions are:

- Design core, backend software components(Order, Account services etc.) based on SOA architecture.
- Design scheduling and LBS algorithms to improve last mile problem, mainly about GA(Genetic Algorithm), HC(Hierarchical Clustering).
- Analyze and improve efficiency, scalability, and stability of above systems to achieve better performance both on time and storage.
- Training machine learning models to predict order's cooking time, courier's walking time, mainly on LR and GBDT.
- Interface with other teams to incorporate their innovations.

Microsoft Shanghai, China   Apr. 2014 – Jul. 2014
Azure web portal   SDE

Developed a web portal based on .Net framework. The technical parts are:

- Use signalR technology to enable real-time push functions from server to browser.
- Furthermore I analyzed the web portal's security issues, like XSS, CSRF, SQL injection attacks.

Intel   Jul. 2013 – Mar. 2014
DPDK VirtIO   SDE

- Investigated the communcation ways between host machine and virtual machine.
- Developed an automation test framework using Python.
- As my first job, I also had learnt much about how to work together in a business company, and how to develop a product.

♡ Honors and Awards

Scholarship, Award on Shanghai Jiao Tong University   Sept. 2013
IEEE Globecom best paper candidate   Dec. 2014

ℹ Miscellaneous

- GitHub: https://github.com/yabping