

ID	DENG ZHAOQUN
Work Experience	Baidu 4 years, iQIYI 2 years
Blog	http://secfree.github.io/blog/
Stackoverflow	https://stackoverflow.com/users/4164722/secfree
Email	zzd7zzd@gmail.com
Phone	15801905401
Age	29

Skill List

Item	Level	Comment
BigData Process	Good at	Major work of Baidu's 4 years
Machine Learning	Entry level	Understand common algorithms, applied it in one project and made great profits
Backend Development	Good at	Daily work
Network Security	Familiar	Business involved of 5 years
Project Management and Teamwork	Entry level	In charge of the department's data direction more than one year, manage a team of three members for six months
Java	Good at	-
Python	Good at	-
Scala	Entry level	-

Note: "Good at" > "Familiar" > "Entry level"

Work Experience

Baidu | **Enterprise Security | Data Process + Data Analysis** | 2015/12 -- 2018/03

- Responsibilities: Responsible for all related data processing and data analysis, providing support for security scanning and threat monitoring services
- Project-Security Asset Repository(In charge): Parse the company's PB-level Web logs to get URLs for security scanning and do similarity deduplicate based on machine learning, which makes Baidu's scanning cost decreased by order of magnitude. (Detail: Baidu provides services mainly on the Web. The Web can be considered as the most widely attacked line. The entrance of the attack is URLs. Similarly, the portal for scanning is also URLs. We obtain a basic set of URLs by parsing the access log, but Baidu's daily access log is PB level, and the cost for scanning one URL is high. So, it's necessary to deduplicate by similarity.)
- Project-Data Access Behavior Audit System(Participate): The ability to send early warnings for pre-dimission employee's abnormal code downloading behavior is an important part of the company's code security protection.
- Project-Business Access Log Backup(Participate): Push all business lines to backup the access log for six months to comply with the "Network Security Law." I am responsible for the solution, architect, and process improvement.
- Project-Data Governance(In charge): Maintain more than 20 security-related data streams, store, and index.

Baidu | **Commercial Security Department | Data Development + Backend Development** | 2014/06 -- 2015/12

- Product-[su.baidu.com](#)(Participate): The primary business is to accelerate and secure the site. I'm responsible for log ETL and maintain the big data platform.
- Product-[ce.baidu.com](#)(Participate): The basic principle is to detect the speed of websites by nodes distributed throughout the country. I'm responsible for backend R&D, doing data and task processing.
- Tool- `distcp-ex` (In charge): Implement the function to `distcp` from Baidu's HDFS to Apache's.

iQIYI | **Network Security Engineer** | **Backend Development** | 2012/06 -- 2014/06

- (In charge) Implement the [Unix Shell Audit System](#)
- (In charge) Develop the two-factor authentication System based on FreeRADIUS and MOTP
- (In charge) Develop one webshell detection program (Realtime + Offline)
- (In charge) Develop a web vulnerability scanner based on QT

Education

- 2008/09-- 2012/06 | Tianjin University of Commerce | Computer science and technology | Bachelor