ZHAOLONG ZHU

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🎓 EDUCATION

Jilin University, Changchun, China   2010 – 2013
M.S. in Computer Science, Outstanding Graduate Student

Jilin University, Changchun, China   2006 – 2010
B.S. in Computer Science, Outstanding Graduate Student

👥 EXPERIENCE

Douban Inc. Beijing, China   2016.01 – now
Senior System Software Engineer

- Columnar: A column-oriented DBMS.
    - Implement a Scalable Bloom Fitler using Cython.
    - Add reverse index for internal storage format.
    - Implement a distributed engine using Mesos.
- GoBeansproxy: Proxy and monitor for BeansDB in Go
    - Refactor BeansDB's proxy, improve its maintainability.

Douban Inc. Beijing, China   2014.10 – 2015.12
System Software Engineer

- BeansDB: Yet another distributed key-value storage system from Douban Inc.
    - Optimize GC performance, maintaine 3 BeansDB clusters, etc.
- Kenshin: A disk friendly time series database.

Douban Inc.   2013.07 – 2014.10
Big Data Engineer

- Rohan: A data pipeline and mobile app analytical platform.

Baidu Inc.   2012.02 – 2012.05
NLP Engineer Intern

- Improve Word Segmentation System to support multi character type.

🎤 TALKS

- QCon Beijing 2016: Kenshin – A disk friendly time series database.

📄 PAPERS

Distant Supervision for Relation Extraction with Type Constraint (SCI)   2013.01

ℹ SKILLS

- Programming Languages: Python > C > Golang > Scheme
- Interests: Big Data processing, Distributed System, Compiler/Interpreter.
- Keywords: Infobright, SSD, Spark/DPark, BeansDB, Memcached, Mesos, Puppet, Graphite, Carbon-c-relay