



Ruohang Feng

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Synopsis

PostgreSQL expert, Full-stack developer, backend architect @ Apple, TanTan, Alibaba. Core member of china PostgreSQL user group. Translator of two books: [Designing Data-Intensive Applications](#) & [PostgreSQL Internal](#).



Objective

PostgreSQL Related (DBA, DA, Developer, RDS Dev); Full-Stack Engineer. global relocation available.



Experiences

APPLE (APO/MDS) SOFTWARE DEVELOPER (ICT4) SHANGHAI 2018.12 - 2019.06

Apple/MDS Trace for iPhone SW Developer/Dev (ICT4)

Apple/MDS Trace Data Warehouse SW Developer/DA (ICT4)

Apple/MDS Trace Database Administration SW Developer/DBA (ICT4)

Architecting backend API and designing data warehouse for apple trace system; Make existing model works on iPhone factories. Write a 10x~100x faster ETL pipeline. Administrating MDS PostgreSQL database clusters.



TANTAN (STARTUP) POSTGRESQL DBA BEIJING (P7) 2017.12-2018.12, 2019.12-NOW

PostgreSQL DBA. Administrating a large scale production PostgreSQL database cluster: 230 nodes / 1 PB data, along with 1300 redis instances. Deeply involved in TanTan's architecture evolution. Rich experience on monitoring and optimizing, maintaining high performance and high available PostgreSQL. Lead several projects: vertical/horizontal split, micro service refactor, partition refactor, PG HA refactor, DB monitoring System, PostgreSQL dev sandbox, PG in k8s, etc... Core member of china PostgreSQL community. Postgres service provider co-founder.



ALIBABA (UMENG+) R&D ENGINEER HANGZHOU/BEIJING 2015.08 - 2017.12

Alibaba/Umeng+ Project Finplus Architect (P5)

Alibaba/Umeng+ Project OPlus Full Stack Engineer (P5)

Alibaba/Umeng+ Umeng Data Platform Full Stack Engineer (P5)

Alibaba/Umeng+ Knowledge Base Full Stack Engineer (P5)

Alibaba/CNZZ Cloud Recommend System Index R&D (Intern)

Architect and tech leader of Project FinPlus, a toB credit score service in China. Intrapreneurship project with 10M \$ income per year (@2017). One of the three co-founders (PM, Algorithm, Tech).

Full-stack developer in project oplus, umeng data platform, knowledge base, etc...

Versatile engineer as: DW Developer, Data Analyst, Data Visualization, Frontend, Backend, Hardware Developer (WiFi Probe), Ops, DBA, PD (Finplus), Architect, Tech Leader.



HARBIN ENGINEERING UNIVERSITY BACHELOR HARBIN, CHINA 2011.08 - 2015.07

HEU/CS-AI-LAB CNOOC Knowledge Management System Major Developer (Student)

Bachelor degree, major in information security/computer science. GPA: **88.5/100** Rank: **4/60**



Skills

Highlight: PostgreSQL, Go

Lang: Chinese (Mandarin/Wu), English (Business Meeting)

PL: Go(2016), Python(2014), Bash(2013), SQL(2013), Javascript(2005), Java, C, C++, C#, Matlab

DB: PostgreSQL, MySQL, Redis, HBase, MongoDB, MaxCompute(ODPS, Alibaba DW)

Misc: Nginx, OpenResty, Docker, HAProxy, GIS, D3.js, WinForm, LaTeX, ...



Publications

Book: [Chinese Translation](#) of **PostgreSQL Internal** (ISBN:97 9787000018111)

Book: [Chinese Translation](#) of **Designing Data-Intensive Applications** (Github.com/Vonng/ddia)

Paper: Unified Access Layer with PostgreSQL FDW for Heterogeneous Databases, NPC2017