ZHANG Qiao
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TECHNICAL EXPERTISE

- Ten years Oracle Database administration experience, and five years of experience in managing databases of telecommunication industry
- Proficient and well-experienced in Oracle9i/10g/11g/12c under AIX / Linux / HP-UX / Solaris / Exadata
- Extensive knowledge in management and deployment of Oracle RAC, DataGuard. Streams, and GoldenGate
- Adept at RMAN backup deployment and recovery
- Effective and smooth cross-platform migration and database duplication with minimal downtime
- In-depth understanding of Oracle working mechanism and expert in troubleshooting and solving problems
- Practical experiences in tuning, crisis management, optimization and high availability
- Performance improvement by identifying and reorganizing indexes on major tables
- Have experience in the management of SQL Server, MySQL, and PostgreSQL database.
- Have experience in the programming of C++, C, Java, Shell, Perl, Python, Haskell, Prolog

EXPERIENCE

Research Assistant, Teaching Assistant, Grader   *2017.8 to now*

Binghamton University

Researching data integration for the United States Environmental Protection Agency
Teaching Assistant of CS540 Advanced Object-oriented Programming, Grader of CS532 Database Systems, helping the professor for the course promotion, project grading, and answering questions.

Chief Oracle Engineer   *2010.6 to 2015.8*

Orient Legend Marker, which is the first and leading Oracle third-party supporting company in China
- Support over 100 databases which run on the AIX, HP-UX, Solaris, and Linux, most of them are RAC with DG or GoldenGate. My duty included planning, maintenance, backup and recovery, upgrade, migration, and tuning.
- Support the whole technology group, including remote assistance and training.

Database Engineer and Administrator   *2006.7 to 2010.6*

Digital China, which is the largest IT service provider in China and a subsidiary of Legend Holdings, which is the parent company of Lenovo
- Support development team, deploy and tune CTAIS system at the national level.

EDUCATION

Computer Science – Master Degree   *2017.1-2018.5*

Binghamton University – The State University of New York   GPA 4.0/4.0

Computer Science – Bachelor Degree   *2002.9-2006.7*

University of Electronic Science and Technology of China

LICENSES

- *Oracle9i Database Administrator Certified Professional, Oracle Corporation, 2008*
- *Oracle9i Database Administrator Certified Associate, Oracle Corporation, 2008*