

GEOFFREY MONTEE

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Objective

Challenge myself while tackling problems involving open source databases alongside talented people.

Education

The Florida State University, M.S. in Computer Science (February 2012), Tallahassee, FL

The Florida State University, B.S. in Computer Science (December 2009), Tallahassee, FL

General H.H. Arnold High School, High School Diploma (June 2005), Wiesbaden, Germany

Professional Experience

MariaDB Corporation

MySQL/MariaDB Support Engineer, January 2015-Present

- Respond to & solve customer support issues related to Oracle MySQL, MariaDB, Percona Server, all Galera Cluster variants, Percona XtraBackup, Percona Toolkit, MHA, MariaDB MaxScale, and various other software as-needed, quickly & accurately.
- Often requested by name thanks to high level of customer satisfaction.
- Develop patches to fix bugs in software such as MariaDB and MHA.
- Program in C/C++, Perl, Java, Bash, or other languages as-needed by customers.
- Profile system performance with tools such as sar/sysstat, vmstat, iostat, and custom scripts.
- Interview employee applicants and offer hiring advice to senior management.
- Provide technical feedback on customer feature requests.
- Write technical blog posts for the company website.
- Participate in mailing lists related to MariaDB and MySQL.
- Assist MariaDB users on IRC.
- Discuss technical issues with external partners.

Open Source Community

PostgreSQL Extension Developer, April 2014-Present

- Develop a Foreign Data Wrapper extension called tds_fdw, which allows PostgreSQL to query Microsoft SQL Server and Sybase databases.
- Post releases of tds_fdw on GitHub and the PostgreSQL Extension Network (PGXN).
- Address user feedback via GitHub issues and PostgreSQL's public mailing lists.
- Give talks about tds_fdw for educational and promotional purposes.
- For more information, see tds_fdw here: https://github.com/GeoffMontee/tds_fdw

U.S. Government

MySQL/PostgreSQL Database Administrator, February 2012-January 2015

- Held a TS/SCI clearance.
- Acted as Lead MySQL DBA in charge of approximately 200 databases across several servers.
- Acted as PostgreSQL DBA administrating approximately 30 databases across several servers.
- Configured MySQL databases to replicate across multiple sites using MariaDB Galera Cluster.
- Configured PostgreSQL databases to replicate across multiple sites using RepMgr and streaming replication.
- Linked database security controls to external authorization sources to provide row-level security.
- Extensively focused on securing databases and applications.
- Configured Nagios and NRPE to monitor systems.

Center for Ocean-Atmospheric Prediction Studies (at The Florida State University)

MySQL Database Administrator / Software Developer, January 2010-February 2012

- Designed and administrated MySQL databases.
- Developed SAMOS 2.0: a system that analyzes meteorological and oceanographic data in near real-time.
- Developed & maintained other automated systems and web services that support oceanographic and meteorological research.

MySQL Database Administrator / System Administrator, October 2006-December 2009

- Administrated MySQL databases.
- Administrated Red Hat Enterprise Linux/CentOS 4 and 5 servers.
- Administrated SGI IRIX servers.
- Administrated Linux-Apache-MySQL-PHP (LAMP) web stacks.
- Supported Linux, Windows, and Mac OS X workstations.
- Maintained tape backups of important data.
- Provided on-site technical support for scientists and researchers.

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Skills

Databases

- 9 years of MySQL database administration experience.
- 4 years of PostgreSQL experience.
- Developed portions of a modular database server (e.g., an interface for storing and sorting pages on disk, and an interface for a disk-based B-tree).

Linux/Unix

- 9 years of Linux/Unix administration experience.
- Familiar with CentOS, RHEL, Ubuntu, Debian, Solaris, and SGI IRIX.
- Developed Linux kernel drivers for academic research and also compiled and ran a modified Linux kernel.

Programming

- Experience in C, C++, Java, Scheme (Lisp), Perl, PHP and Ada.
- Lesser experience in HTML and JavaScript.
- Able to troubleshoot most languages.

Networking

- Formal training in routing and routed protocols as well as access-control lists.
- Experience configuring Cisco enterprise routers and switches.

Awards

Research Assistantship, *January 2010-January 2012*

- Awarded by the Center for Ocean-Atmospheric Prediction Studies to work on a M.S. in Computer Science with a tuition waiver and stipend.

Florida Bright Futures Medallion Scholar, *January 2006-December 2009*

- For exceptional high school grades and SAT scores, the Florida Bright Futures Medallion Scholar award paid 75% of undergraduate tuition.

Tech Student of the Year by DoDDS-Europe, *1st in school, 2nd in Europe, 2005*

- For prolonged success in the high school technical program as well as displaying an exemplary drive to seek out and use new skills.

Networking Configuration Competition (Team Leader) by DoDDS-Europe, *1st in Europe, 2004 & 2005*

- For completing a practical network implementation and completing it faster than other teams and meeting the requirements better than other teams.

Computer Troubleshooting Competition by DoDDS-Europe, *2nd in Europe, 2005*

- For troubleshooting hardware problems with several computers. Judging based on accuracy and completion.