

# GEOFFREY MONTEE

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## Objective

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

## Education

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**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

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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](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.

# GEOFFREY MONTEE

## Skills

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### 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

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### 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, *1<sup>st</sup> in school, 2<sup>nd</sup> 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, *1<sup>st</sup> 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, *2<sup>nd</sup> in Europe, 2005*

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