Our growing company is hiring for a data systems engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for data systems engineer

- Communicating experimental results through reports and presentations
- Providing work direction to technicians
- Creating new research ideas
- Developing broadly applicable tools for data analysis and visualization
- Participates in the design and implementation of various new system implementations and upgrades
- Analyze, report, and advise on various systems and applications performance issues
- Provide day-to-day technical, administrative, and functional support for the various IMS platforms and systems
- Participate as a key technical resource for current and new systems planning and scoping
- Participate in the analysis of new software applications, application architecture, and configurations, and participate as a key member of the team in reconfiguring systems, databases, and applications for optimal performance
- Participate in the creation (or modification) of documentation activities related to system configuration, policies, and procedures

Qualifications for data systems engineer

- Proficient with web programming language (PHP, MySQL, Python, Perl, Javascript, ASP)
- Significant experience with big data processing and/or developing

- Knowledge of performance analysis tools and techniques for multi-threaded systems
- Basic understanding of kernel internals
- Familiarity with algorithms that work on on-disk data structures, a plus
- Knowledge in deduplication approaches a plus