Our growing company is looking to fill the role of data systems engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for data systems engineer

- Ability to translate high-level requirements into detailed data systems designs and ability to lead the implementation of complex systems projects within the data center
- Responsible for system architecture, design, implementation and integration of systems within the Scientific Computing environment
- The ability to understand and interpret C, C++, C#, and VBA code to manage and maintain repair systems and tools
- Interface daily with functional business partners, users of the systems to develop and maintain system tools that support the Programs business
- Diagnose system failures to isolate the source of problems between equipment, software, and applications
- Coordinate and interface between a multitude of projects and functional program groups
- Design decisions regarding tool choice , interface development and method functionality
- Develop and maintain applications using C, C++, C#, VBA programming, and SQL
- Design database schema (including complex queries) to support business applications
- Apply knowledge of general business practices associated with cost budgeting, financial forecasting, processing cycle times, scheduling, material constraints, sales, etc to assist Program Management in the development efforts to support program efficiency and profitability

- Must have experience in MS Windows desktop system administration and MS Server 2008 or later Active Directory environment in addition to Red-Hat Linux operations system administration
- The team is looking for an experienced Systems Engineer with prior experience in the implementation of tools and services that adhere to Sponsor or IC data handling, tagging, compliance, and security requirements
- Prior experience performing data assessments, data engineering, and modeling
- Experience in the areas of data management, data analysis, and dissemination and distribution
- Minimum of a Bachelor degree in Computer Science, Applied Mathematics, Software or Electrical Engineering
- Proficient with high-level client, object-oriented language (e.g., C#, C++, JAVA, Python, Perl)