Our company is growing rapidly and is searching for experienced candidates for the position of computer systems engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for computer systems engineer

- Solve problems relating to mission critical services and create automation to prevent problem recurrence with the goal of automating response to all routine service conditions
- Influence and create new standards and methods for managing large-scale distributed systems
- Engage in capability planning and demand forecasting of services and service levels
- Conduct periodic on call duties as necessary to support a 24x7 workflow
- Work closely with various group to manage scheduled maintenances to perform tasks like upgrades, shutting down batch queues, managing diagnostic and notification software or generally managing a center wide outage
- Explore and evaluate new technologies and solutions to push our capabilities forward, getting ahead of our users' needs, convincing staff incentivized to transform, innovate and continually improve
- This position supports a 24x7 operation
- Develop, modify, and implement new or existing software programs
- Analyze systems requirements, develop specifications and requirements, and validate data for accuracy
- Work with users to test and debug applications and assure software quality and functionality

- Proficient in C, C++, and C#
- Knowledge of 1553 and ARINC protocols preferred
- Experience in GxP regulations and Good Automated Manufacturing Practices (GAMP) principles with an emphasis in 21 CFR Part 11, 210, 211, 58 and 820 compliance
- Experience in generating, reviewing, and executing validation and change control documents, authoring SOPs, Protocols (IQ, OQ, PQ) of QC lab systems, IT systems, and Process Control Systems
- Able to work in a fast paced and dynamic organization, have the ability to prioritize and manage multiple priorities
- BS engineering or computer sciences and 3-5 years related experience