Our company is looking to fill the role 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

- Bachelor's degree and six years of related experience
- Maintain Spack and NERSC-supplied software on systems after Spack deployment, , upgrade software to new versions, troubleshoot issues
- Collaborate with NERSC consulting staff with development of Spack formulas to be deployed on NERSC systems
- Collaborate with NERSC consulting staff on the deployment of Spack on NERSC systems
- Participate in the maintenance of windows
- Coordinate with vendors to resolve hardware, system software and application license issues
- Coordinate cluster outages and improvements with SC Operations staff, IT and customers
- Help maintaining and enhancing network and cluster performance and health metric collection, monitoring, and analysis to proactively avoid future problems, fix current issues
- Make sure that appropriate security measures are built into the network, they meet the performance needs and that they are maintained in future modifications to the network
- Support user backups/restores for all managed systems

Qualifications for computer systems engineer

- ClearCase, ClearQuest experience a plus
- HLA experience a plus
- Bachelor's degree and four years of related experience
- Experience in scientific computing, with demonstrated ability to design and implement analysis software, preferably shared and distributed memory parallel software, in of the following programming languages and parallel libraries/languages/environments