Our growing company is looking for a lead design engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for lead design engineer

- Analog design for PHY (USB3, PCIE etc) development
- Assist in the preparation of contract specifications for all projects
- Nose and Main Landing Gear Design Leads and Proprietary Design Suppliers to ensure landing gear actuation (steering, retraction, downlock, etc) are designed and integrated within the overall landing system design/configuration
- Performance Engineer Lead and Proprietary Design Suppliers to ensure landing gear actuation designs (steering, retraction, downlock, etc) meet both internal and external requirements for form, fit and function
- PCB area estimation, power dissipation, component stress
- Perform Circuit Worst Case Analysis and Electrical simulation
- 6- 8 years of experience on S/W design and development using Microsoft ASP.NET-MVC technologies
- Experience of around 4+ years in Technically leading Scrum teams towards providing Software Solutions
- Good expertise on S/W design and development using C#, .NET 4.0/4.5, HTML-5
- Design experience using OOAD/UML

Qualifications for lead design engineer

- 2-5 years work experience in optimization of DSP algorithms/modules for a

- Area of expertise in either SERDES design or DDR IO+PHY design required
- In-depth understanding of the JEDEC DDR3/4 Architecture and Electrical specification OR in-depth understanding of IEEE and CEI SERDES standards required
- Ability to develop a timing budget from simulation and system analysis
- Expertise in creating test benches and running spice level analysis tools a must