



## Example of Senior Engineer, SW Job Description

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Our growing company is hiring for a senior engineer, SW. 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 senior engineer, SW

- Ensuring adherence to quality standards, relevant QAPs, SOPs and Working Instructions
- Work with an inter-disciplinary design team to propose electrical architectures, subsystem and component solutions and determine performance requirements for these solutions
- Complete designs of electrical subsystems and components given a set of specifications as an individual contributor or small team leader
- Perform integration and test of electrical-optical and electro-mechanical systems as part of a multi-disciplinary team
- Execute tasks according to an agreed upon schedule and budget
- Organize and distribute project work to other staff members to allow efficient project execution of small teams
- Maintain organized design and test notes / files to allow design reviews in accordance with L3 engineering process
- Development of an advanced scalable management server for managing mission-critical enterprise-level storage systems
- Develop a system that is capable of handling high scale load, as expected in the high-end market
- Design internal and external APIs for communicating with storage arrays, a web interface and 3rd party clients

### Qualifications for senior engineer, SW

- Experience with test automation utilizing scripting languages such as PHP or Python
- Experience using lab equipment such as oscilloscopes, DVM, power supplies
- Technical leadership and/or subject matter expertise in the development of real-time avionics, simulation, modeling or test equipment software
- The individual must work well in a group setting and have strong interpersonal and communication skills
- Knowledge of or experience with Agile software development concepts