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# Example of Optical Engineer Job Description

Our growing company is looking for an optical engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for optical engineer

* Ensure adherence to defined network engineering processes
* Create and document DWDM-related policies, procedures and standards
* Serve as Tier 4 ecalation support for critical operational incident resolution
* Basic optical design of LCD backlights
* Design of opto-electronics setup of displays
* Selection and qualification of light sources (LEDs, Lasers, quantum dot materials,..)
* Selection and qualification of light sensors (color sensors, spectrometers,…)
* Definition of control loop architecture and algorithms
* Optical modelling by non-sequential ray tracing with commercial software packages
* Qualification of components and sample modules in laboratory environment

## Qualifications for optical engineer

* Familiarity with electrooptics and imaging technology
* Proficient in troubleshooting a wide range of issues across multiple technologies
* Broad knowledge of engineering concepts (device behaviour, troubleshooting, data analysis, and systems modelling)
* Must be willing to travel both domestic and international
* Self-initiated, highly motivated, enjoys hands-on work, drives and leads teams towards success, is an independent thinker and thought leader
* Minimum 5 years of relevant industry experience in Optics and Optoelectronics