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# Example of Entry-Level Electrical Engineer Job Description

Our growing company is searching for experienced candidates for the position of entry-level electrical 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 entry-level electrical engineer

* Fire life safety system condition assessment, inspection and design
* Industrial control design
* Roadway and tunnel lighting condition assessment, inspection and design
* Utilize AutoCAD and Micro Station to prepare design plans
* Utilize SKM to perform power distribution evaluation and design
* Utilize AGI32 to perform lighting evaluation and design
* Prepare engineers estimates
* Designs and develops complex electro mechanical devices and systems for mammography, mobile x-ray, digital x-ray products
* Participates in manufacture or building of prototype product or system
* Uses computer assisted engineering and design software to design and develop electrical solutions and test overall design

## Qualifications for entry-level electrical engineer

* Ability to use basic electrical test equipment (digital multi-meters, oscilloscopes, power supplies, etc)
* Experience with serial protocols (RS232, SPI, I2C)
* RF communication theory and design
* Communications system design
* Network architecture design/configuration
* Familiarity with PWB board level design, troubleshoot and integration