



# Example of Junior Electrical Engineer Job Description

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Our company is hiring for a junior electrical 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 junior electrical engineer

- Knowledge of Eagle or Altium Designer
- Experience in designing and testing electric/electronic circuits
- Design power electronic circuits that enable the launch of new products using switching mode power converters, magnetic designs, triac/FET/IGBT control circuits, resonant systems, feedback control systems, RFI/EMI filter techniques and thermal analysis
- Point of contact towards the customer and suppliers for all EI
- Support to other el
- Ensures the availability of required support equipment, including tools, test equipment
- Initially getting a good understanding of Fixed Networks products by helping with equipment setup and testing under the guidance of other senior engineers in the team
- Performing Design and Solution Verification and Validation on software releases for Network Elements (NEs)
- Testing and verifying features, functionality of NEs
- Performing interworking tests between NEs and Management Systems (EMS)

## Qualifications for junior electrical engineer

- Experience with computational electromagnetics programs
- Ability to learn RF system design, integration, and deployment

- Performance numerical computing computer aided design, and 3D imaging using ArchiCAD
- Based signal processing for the M&S of radars, communication, and electronic warfare systems