



Example of Staff Electrical Engineer Job Description

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Our innovative and growing company is looking to fill the role of staff electrical engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for staff electrical engineer

- Interacts extensively with manufacturing to maintain familiarity with manufacturing operations and staff
- Works closely with manufacturing to transfer engineering test procedures to manufacturing test procedures
- Be the first responder for any manufacturing issues requiring electrical troubleshooting
- Lead the HW design, implementation and validation of video/wireless products with various subsystems involving multimedia SoCs
- Own EE EVT/DVT - while working closely with validation teams both internal and external to qualify design
- Drive and provide guidance to other EE members for technical work planning and execution
- Apply specialized system knowledge to research, explore & recommend new/emerging embedded HW technologies for inclusion in future projects
- Actively influences product roadmap decisions based on industry knowledge
- Define, track, and communicate key project metrics and milestones
- Drive circuit and hardware design phases including architecture and design, component selection, schematic entry, board bring-up and integration of complex printed circuit board assemblies into life sciences based instrumentation

Qualifications for staff electrical engineer

- General facility support – power distribution, voice/data, fiber optics, generators, security, CCTV, fire, alarm, lighting, wiring, raceway, grounding
- Experience in schematic capture
- Design for EMC, safety, manufacturability
- FDA guidelines on design and manufacturing of the medical devices
- Knowledge of data collection systems