



Example of Staff Electrical Engineer Job Description

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Our 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

- Facilitates project site inspections (if applicable) to monitor progress and conformance to design specifications and safety standards
- Influence from a technical standpoint across the function and business
- Mentor other engineers in the domain of electrical systems and controls
- Analyze and design analog, digital, and microprocessor circuitry
- Prepare schematic diagrams
- Oversee printed circuit board design activities
- Develop system level design specifications for the electrical and electro-mechanical systems in instrumented products
- Promote and participate in activities that foster innovative solutions to engineering issues in product electrical architecture and design
- Directly apply expert knowledge in electronics and electro-optics to execute overall project assignments
- Hold design reviews for modules and subsystems

Qualifications for staff electrical engineer

- Knowledge of product development in a regulated industry preferred Strong applied knowledge of electrical engineering concepts, theories and methods with levels of depth and expertise in areas
- BSEE, (MSEE preferred) with related experience
- Proven lead design experience implementing HDMI, memory, power and bus subsystems within a complex multimedia SoC framework

- Strong experience with PCB CAD and simulation tools including those used to assess the robustness of designed circuits
- Experience designing interface requirements between HW and SW