Our company is growing rapidly and is hiring for an electrical engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for electrical engineer

- Provides daily support for Tissue Machine that derives from the plan of the day around electrically specific issues that arise in the operations environment
- Supports multiple improvement projects with a financial scope of up to $10 million from conception through commercialization and may support other projects as a member of the project team
- Provides functional support and creativity in the initiation of design, development and optimization of Tissue and manufacturing equipment to meet unit objectives
- Lead various engineering projects with a financial scope of up to $1 million
- Provide creativity in the design, development, and optimization of Personal Care converting and manufacturing equipment and processes to meet unit objective
- Seek, recognize, define and solve problems/opportunities to achieve unit objectives
- Initiate, engineer, install and support plant controls capital projects including contractor management and execution of the NFPA-70E arc flash safety program
- Makes an assessment of existing manufacturing operations and proposed methods of operations to determine feasibility for modifications
- Management of all local Plant Floor infrastructure and applications
- Prepares project specifications, requisitions, engineering designs and project timelines for new equipment

Qualifications for electrical engineer

- Understanding of PCIe architecture and electrical schematic/ layout & regulatory design requirements
- In depth knowledge of computer architecture, linux/unix, schematic tools, fiber optics, verilog, and bus protocols such as I2C, CAN, and PCIe
- Familiarity with FPGA design environments, such as Xilinx EDK, and source control systems
- Knowledge in scripting and programming languages, including C, .tcl, and python
- Experience with board design CAD tools, such as Cadence Allegro
- Experience with lab debug equipment, such as oscilloscopes, logic analyzers, OTDR