



SENIOR ELECTRICAL ENGINEER

We are an engineering and technology company providing product development, engineering services and prototyping in a broad range of industries. RPM Tech provides an exciting, technically challenging, and creative environment for motivated individuals. We are seeking an experienced Senior Electrical Engineer to support our product development needs and serve our expanding customer base.

Summary of Qualifications:

The ideal candidate will possess a thorough understanding of analog and digital circuitry, hardware and systems, exhibiting solid experience in troubleshooting and testing. Candidate should have experience in design and assembly of electronic circuitry for concept and prototype verification. Experience in IoT and wireless communications systems desired.

Some travel may be required.

Primary Responsibilities:

- Individual contributor in analog and digital hardware design, development, and verification activities.
- Evaluate electrical systems, products, circuits, and applications by designing and conducting research activities.
- Responsible for circuit simulation, modeling and prediction.
- Support electrical design entry using Altium Designer.
- Perform prototype PCB assembly, testing, and verification activities.
- Evaluate existing customer products/projects for design improvement and optimization.
- Design test fixtures and jigs for development and manufacturing requirements.
- Establish electronic specification requirements in coordination with other disciplines within the team.
- Document electronic hardware design and development activities in accordance with established procedures.

Other Requirements:

- Strong communication skills, ability to work in a cross-functional team.
- Desktop application development experience in C/C++/C#, Java, Python, VB (or similar) for prototype design support.
- Capable of multi-tasking, strong sense of individual responsibility and ownership of assigned tasks/designs.
- Must be able to legally work in the U.S.

Qualifications:

- BSEE, with minimum of 5 years product development experience desirable. Candidates with significant development experience, in lieu of formal degree, may be considered.
- Background and industrial experience in design and development of analog and digital electronics.

The position is based in our Forest Hill, MD design headquarters. Work-from-home arrangements will be considered for candidates with a record of successful self-management and remote work.

Benefits package available including medical with HSA, dental, vision, disability, life insurance, and 401k.

Please email your cover letter and resume to HR@RPM-Tech.com

RPM Tech is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.