



Ritron, Incorporated
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Digital Hardware/Firmware Engineer-Entry Level

Ritron, Inc. a designer and manufacturer of wireless voice and data communications products is looking for an Entry-level digital hardware/firmware design Engineer to support our growing engineering team in Carmel, Indiana (suburb of Indianapolis).

Summary

Looking for a motivated individual contributor in the design and development of digital hardware, microcontrollers, and embedded firmware to support Ritron's wireless products. Should have coursework emphasis on digital electronics, microcontroller/microprocessor circuitry and embedded firmware development. The person in this position reports to the Chief Engineer.

Major Duties:

- Will work with the RF and project engineers to develop digital hardware, including microcontrollers.
- Will write the firmware that will be embedded in microcontrollers.
- Support project initiatives collaborating with the rest of the design team ensuring that development milestones and deadlines are met.
- Analyze and provide feedback on peer designs in an open and collaborative design review forum.
- With experience, actively participate on, and at times lead, cross-functional teams to develop new devices as well as address design issues or maintenance of existing products.
- Evaluate, test, and review designs to determine if program will perform according to requirements and specifications.

Requirements for the Job:

Essential

- Experience with assembly level and C language development including the tools used to edit, compile/assemble and debug code in an embedded environment.
- Strong documentation skills.
- Strong communication skills with the ability to work with all levels of the organization especially with peers and other team members.
- Excellent time management skills with the ability to contribute to multiple concurrent projects.

Desirable

- Prior design engineering experience with emphasis on wireless designs.
- Experience with analog and digital hardware.

Minimum Required Education & Experience:

- Bachelor's or Master's degree in Electrical Engineering.

Email resume to: nwilhelm@ritron.com or mail to Ritron Human Resources at 505 W. Carmel Drive, Carmel IN 46032

Ritron, Inc. is an Equal Opportunity Employer. Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.