Intertech Engineering Associates works with a wide range of technologies and applications almost exclusively related to medical device development. We are an outsource engineering provider to the medical device industry focusing on software and electronics technologies, along with the QA, compliance, and project management expertise that is required in the FDA regulated industry. Projects are fast paced with constant project turnover that keeps the work interesting. We are looking for experienced software engineers to join our team. Projects are organized by teams that operate primarily from our offices in Westwood, MA and Lincolnshire, IL. Some travel may be required occasionally. A diverse background, ability to work in a structured regulatory environment, and a willingness to do whatever it takes to get the job done are the keys to success.

Principal Embedded Software Engineer - Illinois and Massachusetts Offices
10+ years of strong and direct experience in developing Windows based desktop applications using following technical skills:
- C / C++ Programming Languages
- Embedded Software Development with 8/16/32 bit-wide ARM and other microprocessors
- Real Time Operating Systems
- Motion Control, Sensor and Real-World Interfaces
- Object-Oriented Design
- Electronics Debugging

The Principal Embedded Software Engineer will have will have the following attributes in addition to the Senior Embedded Software Engineer attributes and pluses:
- Ability to act as a technical lead on larger projects, and as project manager on smaller projects.
- Ability to discuss and review with client the engineering processes required by the project.
- Ability to manage a positive relationship with client and demonstrate a mastery of technical area to client.
- Ability to evaluate defect trends and process flaws.
- Ability to analyze customer requirements and select approach and tools required.
- Ability to identify new project tasks and estimate durations for completion for overall software projects.
- Evaluate and identify trends and suggest directions to expand Intertech's abilities.
- Ability to assist in proposal discussions, and preparation.
- Ability to motivate and encourage subordinates and peers.
- Ability to work on and manage subordinates on several projects.
- Set up schedule and/or means of communication for project team to remain informed throughout project