



Global Intellectual Strategies®

Position Description **Software Engineer**

GIS is looking for a highly skilled Software/Firmware Engineer who will be an integral part of the Engineering Services team. You will be responsible for performing device software/firmware.

This posting is for a full-time employee or consultant position.

Reporting to the Engineering Services Manager, your primary responsibilities will be to:

- Extract and analyze firmware or software using your knowledge of circuits, datasheets, product literature, papers, patents, etc.
- Write reports including documentation explaining the operation of the circuit.
- Recommend enhancements to existing process and tools, and recommend new tools.
- Ensure tasks are completed in accordance with company and client requirements.
- Guide staff by answering technical questions regarding software techniques and applicable standards.

Qualifications:

- Education: BS CS/EE or equivalent training or experience.
- Experience: 5+ years of design experience in software/firmware.
- Preferably with experience in reverse engineering, patent validity searches, and patent infringement analysis.

Required Skills:

- Working knowledge of consumer/industrial electronics at the microprocessor coding level.
- Working knowledge with coding languages including C, Assembler, etc.
- Working knowledge of audio and video compression standards (MPEG-2, MPEG-4 part 2, H.264/AVC, etc.).
- Must possess good writing and verbal skills.
- Must possess strong Microsoft Office skills.
- Must be able to manage multiple tasks and re-prioritize them.
- Must be a team player, self-motivated and able to work under minimal supervision.
- Must be able to anticipate problems and issues and recommend solutions.
- Experience using compilers, de-compilers, extraction of code is desirable.

Please submit resume to: ebayton@gistrategies.com

