



## Position

- Software/Firmware Engineer
- Contract to Permanent

## General requirements

- Self motivation and responsibility to complete project on schedule
- Ability to execute all phases of software development: from design and implementation to testing with hardware
- Ability to work in a fast paced environment
- Ability to learn new technologies quickly

## Required technical skills

- Strong knowledge in C and C++.
- Experience with embedded systems and various RTOS
  - ARM, Cortex M0-M4, A5-8, PIC24/32/dsPIC
  - TI, Microchip, Freescale, ST Micro, NXP and others
  - OS including Linux, Android, uC OS, ThreadX, FreeRTOS and others
  - Tools including IAR, Keil, CCS, MPLAB and others

## Preferred technical skills

- Bluetooth protocol stack and application experience
  - profiles and protocols for data, audio and voice
  - Bluetooth RF controllers and HCI modules
- Experience developing applications
  - Android, iOS, Windows, Mac OS, Linux
- Experience developing device drivers for Windows, Linux, Mac OS X
- Experience with audio codecs: SBC, AAC, aptX and audio streaming applications

## Beneficial technical skills

- Understand electrical schematics
- Experience with oscilloscopes, logic and protocol analyzers, multi-meters
- Technical writing

## Contact Information

SEARAN is a Massachusetts based company.

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