

Introduction

BW Broadcast is a broadcast equipment manufacturer based in South London. Specialising in FM technology with a product range including transmitters, audio processors and IP codecs, BW Broadcast looks to further expand its team of talented engineers to enhance their ability to develop cutting edge audio products.

Job description

Candidates will need to be enthusiastic, ready to tackle new challenges and learn new skills. You will be a highly motivated individual capable of developing innovative solutions with drive and charisma. The role requires an excellent communicator comfortable dealing with other engineers as well as customers and suppliers.

Key responsibilities

Development engineers are expected to cover all aspects of product development from design, implementation, testing, initial production runs and assisting the customer technical support team.

Requirements

Education

Minimum 2:1 university degree in Electronics or Software Engineering, or other relevant technical discipline.

Essential Skills and Experience

- Embedded Linux experience (preferably on an ARM core)
- Highly fluent C for 32 bit microprocessors (preferably Cortex M3)
- RTOS experience
- Software and hardware debugging (using standard software tools, oscilloscopes, logic analyzers and other test equipment)
- Ability to work under time-scale pressure to get new products out on time while maintaining quality output
- Motivation to work unsupervised as well as part of a team
- Ability to communicate complex ideas quickly and clearly to participate in technical discussions
- Proficient in both Windows and Linux environments for both technical and general applications

Desirable Skills and Experience

- Linux device driver design
- VHDL for PLD and FPGA
- Schematic capture and PCB layout experience
- IP experience, particularly for media streaming
- C and assembly language programming for DSP
- Analogue audio circuit design
- Experience using a version control system

- Experience writing technical documentation
- Experience using MATLAB

Package

- Salary depending on experience
- Profit sharing scheme
- Contributory Pension
- Mobile phone

Recruitment Process

Application is normally in the first instance by CV. Upon successful completion of an online aptitude and technical assessment candidates will usually have a telephone interview and then a face-to-face interview.