

# HIDALGO

## JOB DESCRIPTION

**Job Title:** Senior Hardware Engineer

**Reporting To:** CTO

**Department:** Engineering

**Location:** Cambridgeshire

### **Company Summary:**

*Equivalital is a professional wearable technology company designing hardware and software solutions for professional welfare and clinical research applications. Our aim is 'to save lives through the application of mobile human data'.*

*We need our engineers to be flexible, passionate and highly motivated to take on new problems as we continue to develop technology for critical applications. If you get excited about building products that make a difference and aren't daunted by building something from scratch, then our team might be the right career choice for you.*

### **Position Summary:**

As Senior Electronics Engineer, you will be responsible for carrying out design and development activities on Equivalital hardware products. You will often concurrently work on more than one project and work to an agreed plan. You will collaborate with the product management team to review and where necessary help define clear, executable product requirements and the manufacturing team to review manufacturing information and ensure the build process is fit for purpose.

### **Responsibilities:**

- Hardware design and development for current and new Equivalital products
- Lead new design concepts through feasibility, prototyping, development, and into manufacture.
- Design, implement, debug and characterize embedded systems for mobile applications
- Work with cross-functional teams to develop hardware architecture for next generation systems and to ensure that products are developed with downstream software impact in mind
- Collaborate with the product management function to ensure hardware requirements capture is optimal and development estimates are accurate
- Work with the manufacturing team to ensure design for manufacture, efficient design transfer and high production yields
- Design of factory test processes and equipment for high quality manufacture as necessary

**Minimum Qualifications/ Experience Required:**

- Relevant undergraduate degree in Electrical Engineering or equivalent practical experience
- Previous experience of working on products with integrated sensors for wearables, medical monitoring, or military (similar if the relevance is demonstrable)
- Minimum of 5 years relevant work experience in microelectronics, hardware architecture, board design, board bring-up, mechanical design, embedded/mobile system design product NPI.
- Experience with low power and battery powered embedded mobile designs.
- Analytical and thorough approach to design
- Ability to work through and solve complex problems
- Ability to work with precision even when timelines are condensed

**Desirable Experience**

- Mechanical design
- Experience working with Bluetooth technology