**Senior Embedded Developer**

**Mo-Sys Engineering Ltd**

Permanent, full-time

London, UK

This is an exciting opportunity to drive ongoing development in a truly cutting-edge environment. You will be paving the way for future innovation as part of small, Agile team of embedded specialists. If you are passionately dedicated to the development of smart and inspired technology, we would love to hear from you!

**What You’ll Do:**

* Creation of firmware for new and existing products, writing efficient, high-quality, maintainable code and conducting code review.
* Cross-team collaboration, predominantly within electronics, mechanical design & software departments.
* Participating in daily Scrum stand-ups.
* Conducting sprint planning & review, priority management & Agile retrospectives.
* Driving product development from concept & deployment to future maintenance.
* Collaborating internally and externally, to facilitate efficient project delivery.
* For the right person, team leadership could be an option.

**What We’re Looking For:**

* You're not just waiting for instructions; you take the initiative. You're often managing your own workload, driving projects forward and encouraging others to do the same.
* Your attention to detail is second to none. You leave no stone unturned, ensuring precision and accuracy in everything you do.
* You relish tackling tough challenges. When faced with complex problems, you're the person who finds creative solutions.
* You can spin many plates, managing multiple tasks effortlessly and staying calm, even when things get hectic.
* You thrive in a dynamic environment where business priorities evolve. Your adaptability and resilience help you roll with the punches and keep projects on track.

**Experience You’ll Have:**

* Hands-on experience in Embedded / Firmware (C and C++).
* Scrum Master or willingness to complete this course within 12 x months.
* Embedded system architecture design, implementation & maintenance.
* Network Interface - SPI, I2C, USB, UART, RS232, RS485, Ethernet CAN-bus.
* Understanding of electronic PCB.
* Real-time operating systems (RTOS).
* ARM Cortex-M microcontrollers, MBED & STM32 desirable.
* Interest in low level Motor Control / PID desirable.

**Benefits & Perks**

* Casual office environment.
* Daily subsidised lunches that promote healthy eating and encourage you to try something new.
* While we request some flexibility from you, we’re also open to flexible work hours to accommodate a win-win situation for all.
* A continuous development budget to put towards courses, training and conferences.
* Private health insurance with AXA Health that covers many physical and mental health costs, including dental and vision cash back.
* Gym membership discounts via AXA Health.
* Group life insurance and a 24/7 Employee Assistance Program (EAP).
* Cycle to Work scheme – we buy a bike up-front, and you pay it off over the next twelve months via a salary sacrifice scheme.
* Occasional office social events, giving you the chance to build on deeper connections with peers.
* 33 days base holiday (25 days + 8 bank holidays), including company closure between Christmas and NY.

**Interview Process**

Our interviews are quite informal and conversational, generally carried out over a 3-stage process. To help us learn more about your workplace behaviours and preferences, you’ll be invited to complete a short Predictive Index (PI) Behavioural and Cognitive Assessment.

Depending on the position, you may also be requested to undertake a technical assessment. The final stage normally involves meeting with senior members of the management team in our office in North Greenwich, London.

**About Us**

Mo-Sys is a leading designer and manufacturer of advanced camera robotics and game-changing virtual production technologies for film, TV, and live broadcast. We ship to broadcasters in 40+ countries to a customer base including BBC, Netflix, Fox, CNN, ESPN and Sky.

Mo-Sys remote heads and robotics are used on many Hollywood blockbusters including Life of Pi, Birdman, Shape of Water, Tron, Source Code and Adjustment Bureau. We have also delivered boundary-pushing technology projects in close collaboration with clients like Red Bull Air Race and the film Gravity.