



# Electronics Development Engineer

Electronics Engineering

Job type: Full-time, Permanent

Salary: HKD\$35,000 - \$45,000 per month (13months)

Location: Sha Tin, Hong Kong

## Who we are

We are PMD Engineering Ltd, based in Shatin, Hong Kong, part of the Precision Microdrives Group that supply high quality miniature motors and mechanisms into demanding applications across many industries. Our challenge is to build and run a world-class engineering operation to manufacture difficult and high precision motor driven assemblies and products for consumer, industrial and medical applications. Successful manufacturing is all about repeatability and dependability; if you enjoy getting into the details and are passionate about the precision of the output, we would like to hear from you.

We are an innovative engineering company which prides itself on consistently delivering high-quality products to some of the largest engineering companies in the world, thanks to our in-house engineering expertise and world-class test infrastructure. We thrive within an open, friendly culture where new ideas and initiatives are always encouraged.

## Role Description

The company is now seeking a talented Development Engineer with expertise in electronics, where experience of miniaturised solutions would be an advantage. You will be focusing primarily on electronics such as instrumentation / MCU control, but also including prototype development, CAD and manufacturing assembly and testing. This is an excellent opportunity for someone with a passion for engineering to get involved in innovative hands-on development.

## Responsibilities

- Non-routine, ad hoc mechanical, electronic, PCBA design, builds and teardowns Design and prototype PCBAs for customer-specific motor drivers, encoders and other product-related engineering

- Software development for application / instrumentation software in C++ & MCU frameworks
- Setup, experimentation and documentation for prototype trials and performance testing
- Electromechanical assembly and rework to develop manufacturing best-practice and processes
- Project planning and managing work against internal deliverables and objectives
- Support, troubleshooting and repair for equipment failures and errors

### **Requirements**

We are looking for a strong team player and versatile engineer with solid industrial experience. Qualifications wise, we are looking for candidates who can demonstrate the following;

- Degree in Electronics Engineering, Electromechanical Engineering or related discipline (2:1 or 1st preferred)
- Relevant industrial experience in working within tightly controlled manufacturing settings such as medical, automotive or aerospace will be an advantage; eg. ISO 9001, ISO 13485, ISO/TS 16949
- Strong, demonstrable team player
- Proficiency in C++, embedded and/or application development (including software testing)
- Fluent in English is essential to work alongside our engineers in HK and overseas  
Exposure to the following technologies would help support your application:  
Atmel AVR 8-bit / 32-bit MCU Qt Application / UI Framework EAGLE PCB layout, or similar
- Exposure and familiarity with Arduino
- Practical hands-on experience with soldering; prototype, build and troubleshooting electronics hardware
- Hong Kong citizen/resident or other immigration status with no restrictions for work in HK preferred, but visa sponsorship may be considered on merit

### **Employment Details and Benefits**

- Competitive pay package
- A modern and highly innovative working environment
- Based in Shatin, Hong Kong
- Full time, permanent, 5 day working week (Monday - Friday) 9:00am ~ 6:00pm day with 1 hr lunch
- Flexible working hours (+/- 1 hr flexitime)
- 14 days paid holiday, plus HK public holidays\*, plus birthday
- Group medical insurance benefit
- Monthly company-wide incentive scheme

**We want to hear from you!**

If this sounds like an ideal job for you, then please get in touch by emailing us your resume and a cover letter; we'd like to hear your story, and get to know you a bit before an interview.