



**Job Title:** Embedded Systems Engineer  
**Department:** Engineering  
**Reports Direct:** Embedded Systems Team Lead  
**Location:** Peterlee, Durham, SR8 2SW

## Job Purpose

<b>Job Type:</b>	<b>Permanent, full time</b>
<b>Hours:</b>	<b>38 hours per week, Monday to Friday (Some flexibility available for start/finish times)</b>
<b>Start Date:</b>	<b>ASAP</b>

As an Embedded Systems Engineer at Seaward, your primary responsibility is to ensure robust code is developed for our electrical testing equipment. You will be part of a team of experienced engineers creating firmware solutions to support our range of new, market leading products. You will be exposed to the full product lifecycle and be a part of developing Seaward's best practices and innovation. This is an exciting opportunity for a Firmware or Software Engineer that wants to be a significant part in new product development that will drive Seaward's growth ambitions.

## Responsibilities

Support the firmware development for Seaward's range of NPD projects using C, C++, Python.

Plan and execute firmware verification activities.

Conduct analysis and feasibility studies for the design, development, and implementation of firmware and algorithms for NPD projects.

Participate in product architecture discussions and implement the agreed designs.

Develop and document best practices under the guidance of the Embedded Systems Team Lead.

Where required, support legacy product code debugging and feature updates.

Participate in continuous personal development and improvements to your skill set.

## **KPIs**

# **Knowledge, Skills, and Experience Required**

Proven experience of developing firmware in a fast-paced technical company.

2-3 Years of C, C++ and Python.

Yocto.

Azure Dev Ops CI & CD.

RTOS.

LVGL/QT/ Embedded Wizard.

FPGA.

Simulink & MatLab.

CAN Bus.

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[seaward.com](http://seaward.com)

Registered office: Seaward Electronic Ltd, 15-18 Bracken Hill, South West Industrial Estate, Peterlee, SR8 2SW, United Kingdom.  
Registered in England No: 01674384 | VAT REG: GB314 1089 92

A good understanding of electronics.

Team Player and enthusiastic about continuous personal development.

## Qualifications

Degree qualified (or equivalent) in a relevant engineering discipline or related field.

## Benefits

Company performance bonus paid quarterly.

5 weeks holiday per annum (increasing with service).

Birthday leave – 1 day off to celebrate.

Enhanced maternity, adoption, and paternity pay.

Company health cash plan.

Company pension scheme.

Death in service benefit.

Free parking.

Free tea, coffee, juice, toast, fruit, biscuits, and jacket potatoes.

Long service Awards.

Cycle to work scheme.

Christmas savings scheme.

Team events.

Friendly, clean, modern working environment.

Supportive teams.

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Training and development opportunities.

If you want to be a part of our team please send your CV and a covering letter by e-mail to [wendyc@seaward.com](mailto:wendyc@seaward.com)

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