



# Solder

Creative technology studio

## Firmware Engineer

March 2020

*Full-time. Norwich, UK.*

Solder is recruiting a Firmware Engineer to join our team based in Norwich.

We are looking for an individual with experience in microcontroller programming including Atmel and ESP32/8266 chips.

Ideally the candidate will have experience with Atmel Studio (it's based on MS visual studio) for programming the Atmel microcontrollers, and also Arduino for ESP8266/ESP32 controllers.

The ideal candidate will have an interest in making/hacking with microcontrollers and will have some projects to be able to showcase.

Please apply to [glyn@soldercreative.co.uk](mailto:glyn@soldercreative.co.uk).

## Responsibilities

- Manage the lifecycle of a project.
- Author, edit and release technical project documentation.
- Creation of pre-production prototype samples.
- Liaise with internal stakeholders to revise prototype to product ready specifications.
- Devise and execute test plans to ensure the design process produces robust, reliable products.

## Requirements

- At least 2 years' experience in a similar environment.
- Knowledge of various coding languages - primarily C/C++ for microcontroller development.
- Knowledge of schematics, PCB layout files, Gerber / ODB++ packages, BOMs, work instructions and test procedures. Some DFP experience would be an advantage but not essential.
- Knowledge of resistors, capacitors and microcontrollers Knowledge of digital electronics and logic gates.
- Outstanding communication skills, both written and oral.
- Passions for technology, tinkering and coding - examples of personal projects/hacks gratefully received!
- Ability to work well both in a team environment and independently.
- Must have enthusiasm, flexibility, and ability to improvise.
- Full UK drivers licence desirable.

## **Perks of working at Solder**

- 25 Days holiday per year + bank holidays
- Company phone (if required)
- Become part of a community
- Good opportunity for career progression
- Company pension