



Job Title: 3D Printing Assistant

Intelligent Development Ltd is a small consumer and medical industrial design company based in Manchester Science Park. We are seeking a part-time technically-minded individual in our workshop in Prestwich, Manchester. We currently have 3 printers, which is planned for expansion over the next 12 months.

The main role will be in assisting in the build completion of a recently acquired large format 3D printer, residing at an office in Prestwich, Manchester. Responsibilities will also include running and managing print jobs and helping with the R&D and design of an innovative new health gaming device project.

These printers run long print-jobs (>24hrs), which occasionally fail for a variety of reasons. We need someone to come in every day check print quality (when printing), abort or re-start failed jobs, trouble-shoot and maintain the printers, keep tabs on supplies, and assemble successful prints to make our final product.

As long as you're in two week days, probably for about 4-6 hours minimum per day, we are flexible with times. This position would ideally suit a student or other person seeking flexible working hours.

You will need to be interested in product design, industrial design, engineering or hardware driven electronics/software background with a passion for 3D printing, product design, 3D design, industrial design, mechanical, electronic and/or software engineering (the 3D printer controller uses Python, so some experience of this or any similar software will be of advantage, but not a necessity if you are willing and capable of learning). Experience of maintaining working 3D printers in the past would also be seen as beneficial, otherwise, you need to be able to demonstrate technical trouble-shooting skills.

Candidate profile preferred:

- Experience or passion for 3D printing, prototyping, print materials/characterisation, mechanical, electronics, software, product design, industrial design, engineering, 3D Design is preferred.
- Excellent organisational skills and attention to detail
- Good work ethic

When the printers are idle we have no objection to you using them occasionally to print items for your own hobby projects. The role would therefore ideally suit an individual who wants to catch the 3D printing "additive manufacturing" wave and develop experience in this rapidly growing manufacturing technology.

Hours of work are flexible, but must fit within the typical mon-fri 9-5.30am.

Job Type: Part-time Salary (16 hrs/week): £8.50/hr

Preferred experience: 3D printing knowledge: 1 year

This job is ideal for someone who wants to fit it around another job, or around studies. If this sounds like something for you, please apply for the position.

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