Bühler Sortex Mechanical Engineer Placement (12 months)

Job Description
You'll be fully integrated into a team of 20 mechanical engineers, working in a multi-disciplinary R&D department. You'll experience a wide range of practices; design and development of small projects, evaluation of concept and proof of principle testing, engineering change orders and legal/patent analysis. You'll get to know our CAD software, design parts and build 3D assemblies, prepare drawings for manufacture, assist with manufacture and communicate with our in-house workshop and external suppliers.

Previous Student Projects

- A project to develop a multi-machine mounting test frame. This consisted of gaining understanding of the requirements of the machines from different business units. Designing a frame using CAD software and using FEA to prove it was fit for purpose. Detail drawings were made of the parts and the assembly and then ordered from external suppliers. Installation instructions were developed and the design passed to business units around the world.

- An investigation into the suitability of a new lighting system and subsequent design of the assembly to mount it into production machines. This consisted of a design and implementation of an experiment to test the concept. The results were inserted into a technical report and a presentation was given. Once the principle was proven, CAD models were designed and technical drawings produced detailing the parts and assembly information required to mount the lighting in a machine. Outside suppliers were liaised with to get prototype parts produced and production quantities of the parts quoted for. The prototype was built and tested in a trial site and the design passed to production.

Role Requirement
You will be studying for a degree (or equivalent qualification) in Mechanical Engineering or Product Design.

The size of the projects you'll tackle will vary, so you'll need to be able to work both independently and as part of a team. You'll need to be able to plan your work, estimate time-scales and work to deadlines. You'll also need to manage multiple projects simultaneously.

What can I expect from my working environment?
This is an office based role using display screen equipment, with some work being required in laboratories. You will be working full time hours which can often be in a demanding environment. Working to tight deadlines either on a regular or ad hoc basis may be required.

What's in it for me?
At Buhler UK you'll be working with 60 professional engineers to design the next generation of optical sorting machines. The size of the projects will vary, for some projects you'll work independently and for others as part of a team.

Buhler values their people and we reward commitment with a competitive remuneration and flexible benefits package including:

- Competitive salary - £19,400 p.a.
- 25 days holiday
- Flexible working arrangements

How do you to apply?
Email your CV and a covering letter outlining why you've chosen this placement to hrukrecruitment@buhlersortex.com with "Mechanical Student Placement" in the subject line.

The deadline for applications is 24th November 2017
Interview/Assessment Day is 8th December 2017

Role is based in London
Start date for placement is 2nd July 2018