Bühler Sortex Image Processing Placement (12 months)

Job Description
As a member of our Research team, you'll experience most aspects of research at Buhler Sortex. The main focus of this research is to investigate image processing, computer vision and machine learning algorithms. A significant part of the role is writing Matlab code, a programming language widely used throughout academia and industry for rapid prototyping. The role includes: undertaking experiments, learning new computer algorithms as well as experimenting with algorithms that learn.

Previous Student Projects
- Pioneering a new method for sorting food products. This involved implementing and evaluating the performance of several machine learning algorithms and selecting the most suitable solution for a specific application.
- Investigating the factors affecting how grains flow down a chute. This involved capturing image data and analysing this data to develop a suitable algorithm; then coding this algorithm in Matlab to produce a software utility for use by other engineers.

Role Requirement
You'll have abilities in computing, mathematics and engineering, with a keen interest in images and computing, including how computers can be used to extract information from images. You don't need previous experience in machine vision or Matlab, which can be learnt on the job.

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 "Image Processing Student Placement" in the subject line.

The deadline for applications is 24th November 2017
Interview/Assessment Day is 8th or 11th December 2017

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