

Bühler Sortex Image Processing Placement

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 and computer vision 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.

Skills and Requirements

You'll have ability 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.

You'll be working with 50 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.

You'll have a salary of £19,000 plus 25 days holiday

How 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 Monday 21st November 2016.

Start date for placement is Monday 3rd July 2017