Oferta de empleo

UNIVERSITY OF BIRMINGHAM SCHOOL OF COMPUTER SCIENCE

Robotics Engineer

Salary from £27,854 to £38,522 a year.

The Intelligent Robotics Laboratory at the University of Birmingham is seeking a Robotics Engineer and Designer. This post will lead procurement, design, maintenance and development of advanced robot hardware and software, with ultimate responsibility for the full range of design from mechanical and electrical through to control and low level software. You will also be responsible for management of the robotics laboratory. You should have a degree in Engineering, Computing, Physics, or a closely related subject, and graduate experience in some aspect of robot design. In particular the successful candidate will have:

- Strong mechanical design and systems integration skills
- Knowledge of CNC machining, PCB prototyping and production
- Knowledge of several of: computer aided design; circuit design; control systems; real-time or embedded software development; microcontroller programming; software development in C/C++; instrumented experimentation; software engineering; finite element analysis/numerical modelling of physical systems
- Skilled use of mechanical computer aided design software (e.g. SolidWorks); Linux, Windows, MacOSX; real-time operating systems.

The Intelligent Robotics Laboratory has 20 researchers and is active in several areas of robotics. The appointment is part of a university investment in robotics as part of the Centre for Computational Neuroscience and Cognitive Robotics (CN-CR).

Informal Enquiries should be made to Dr Jeremy L Wyatt (j.l.wyatt@cs.bham.ac.uk) and Dr Michael Mistry (m.n.mistry@cs.bham.ac.uk) in the first instance.

Formal applications for the fellowship must also be submitted via the University. To download the details and submit an electronic application online visit: www.hr.bham.ac.uk/jobs . Click on the current vacancies link. Then type the reference number below into the search box to retrieve the necessary details.

Reference: 43996 Closing date: 6 March 2013