Research Assistant/Research Fellow in Robotics, - Ref:1820539

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UCL Department / Division
Division of Surgery and Interventional Science
Specific unit / Sub department
Research Department of Orthopaedics and Musculoskeletal Science
Location of position
London
Grades
6-7
Hours
Full Time
Salary
(inclusive of London allowance)
6B: £30,922 - £32,607 per annum / 7: £35,328-£36,291 per annum
Duties and Responsibilities

Applications are invited for a Research Assistant/Research Fellow in Robotics to join the UCL Aspire CREATe team for 9 months (full time/part-time/job-share), on the large collaborative project "ADAPT" (Assistive Devices for empowering disAbled People through robotic Technologies). The ADAPT project is funded by the European INTERREG VA FCE programme and comprises a total of 14 partners equally distributed between France and the United Kingdom.

The postholder will be working as part of a team to develop our smart wheelchair platform. You will primarily be working in ROS (robot operating system) to implement shared control strategies on a commercially available wheelchair that we have instrumented with a suite of sensors. You will be responsible for writing, testing, documenting and maintaining code. You may also work on integrating new sensors into the system, including electrical, mechanical and software driver integration.

You will need to work closely with colleagues from within our lab as well as with collaborators throughout London and across Europe, so excellent teamwork and communication skills will be required.

The post is available from 1st September 2019 funded for 9 months.

Key Requirements

The successful candidate must hold a degree in Engineering, Computer Science, Physics or equivalent experience. Technical writing and presentation skills (write documentation, specifications, operation manuals), experience in programme (C/C++, Python or equivalent), experience in using or knowledge of version control systems (e.g. Git) and knowledge of mobile robotics (e.g. sensing, path
planning, control, etc) are all essential. Demonstrated experience of working with ROS robot operating system) is extremely desirable.

For an appointment to be made at Research Fellow level, the successful candidate must hold a PhD in Engineering, Robotics, Computer Science, Physics or a related discipline OR have substantial relevant experience.

The successful candidate must be willing to work within our team and collaborate with our partners across Europe, as well as being able to manage their time and work to tight deadlines.

**Further Details**

A job description and person specification can be accessed at the bottom of this page.

To apply for the vacancy please click on the "Apply Now" button below.

If you have any queries on the application process, please contact Kathryn Knapp on k.knapp@ucl.ac.uk quoting job reference 1820539

**UCL Taking Action for Equality**
We will consider applications to work on a part-time, flexible and job share basis wherever possible.

**Closing Date**
28 Aug 2019

**Latest time for the submission of applications**
23:59

**Interview date**
TBC

Our department holds an Athena SWAN Bronze award, in recognition of our commitment to advancing gender equality.

This appointment is subject to UCL Terms and Conditions of Service for Research and Support Staff.

Please use these links to find out more about UCL working life including the benefits we offer and UCL Terms and Conditions related to this job.

**Job Description and Person Specification**