Dr. Guillaume **de Chambrier**

ROBOTICS RESEARCH SOFTWARE ENGINEER

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Company Recruitment Team   *October 19, 2016*

OCADO LIMITED
FREEPOST 13498
PO BOX 3 62
HATFIELD AL9 7BR

Job Application for Robotics Research Software Engineer

Dear Mr./Ms.,

About Me

I am a Swiss-British national and I have recently obtained my Ph.D doctorat in robotics from EPFL in the LASA robotics lab which happens to also be a partnair in the second hands european project. I was made aware of your vacancy from the robotics-worldwide message group.

Why me and Ocado?

The increasing investement by Ocado in robotic systems whilst recognising the importance of human-robot collaboration makes it an ideal environment for me to contribute. The roles and responsibablities outlined in the offer match my competences. During my Ph.D I have, for instance, closely worked with force-torque sensor information which I used for realtime state estimation. With only force-torque and kinematic information I thought a KUKA LWR robot to search for and connect an electric power socket in a programming by demonstration framework without relying on any visual information. The essence of my Ph.D thesis lies at the hart of acting under uncertainty which will be a valuable skill to contribute to the project.

As a consequence I am very experienced in robotic software developpment (ROS, ros_control) and mathematical modelling and machine learning. In terms of libraries, I have worked with and added a new distance metric to the KDTree of point cloud library. You may contact José Ramón Medina who is currently working on the second hands project and is using the software I developed.

The fact that the position you are offering is long term going behond the Horizon 2020 project makes Ocado in par with my ambitions of being part/leading the builind of sucessful robotic company with a global outreach.

Why Me?

Request a personal interview and indicate your flexibility as to the time and place. Repeat your phone number in the letter and offer assistance to help in a speedy response. For example, state that you will be in the city where the company is located on a certain date and would like to set up an interview. Alternatively, state that you will call on a certain date to set up an interview. End the letter by thanking the employer for taking time to consider your credentials.

Sincerely,

Dr. Guillaumede Chambrier