

CMU Portugal

Undergraduate Internship Program - Spring 2015

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This report summarizes the activities carried out during my internship at CMU, which took place from March 1 to May 31, 2015. I was hosted and supervised by Professor Manuela Veloso, and had the opportunity to work in the CORAL group.

During my visit I had the opportunity to work in two exciting projects involving different robots. The first one consisted on developing an AI for a quadrotor, in order to have it landing autonomously on a specific target. The goal of this work was to have the quadrotor being able to land on the CoBot, allowing future cooperation between these two robots. Regarding the second project, it had the goal of using the Baxter robot to help dressing people. As a result of the work done, we should be able to publish a paper soon.

Additionally, I was able to attend several interesting talks and seminars on multiple topics: computer science, robotics, and machine learning. It is remarkable how CMU has so many excellent talks on a daily basis.

All in all, this internship was a very enriching and rewarding experience. It allowed me to do relevant work, live in a new and vibrant city, and meet interesting and enthusiastic people.

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