



Behaviours design for Nao[®] (autonomous robot)

6 Months Graduate Internship

Project Description

The internship is a part of a robotics project, untitled ROMEO, which aims to create a companion robot. SpirOps is in charge of the tools to be used to design the autonomous behaviours of the robot. SpirOps is also responsible of designing the behaviours that will create an affective bind between the robot and its users. This bind will emerge from logical emotional responses based on common history and a well defined and rich personality.

Topic Description

The goal is to create some behaviours that will help make the perfect companion robot. These behaviours will be based on shared memories, emotions and a distinctive personality. The internship also includes a collaborative work on the definition of the robot's personality, the emotions it expresses and its internal emotional states. It also includes a collaborative work on memories, and a semi automatic emotions tagging.

The rest of the internship will be focused on designing specific behaviours to demonstrate the technologies of memories / personality / emotions. These behaviours will allow the robot to fit into its environment and to be accepted by its users.

Internship Description

The internship will take place within our R&D team, localized in a warm and friendly open space of the 11th district of Paris. The payment is about 400 euros monthly. Applications can be sent to contact@spirops.com.

Keywords

Artificial Intelligence, robot, behaviour, emotion, interaction, C++

More internship opportunities on <http://www.spirops.com/jobs.php>