REINFORCEMENT LEARNING FOR ROBOTICS RESEARCH ENGINEER

Bizkaia talent

Company Description

University of Deusto https://www.deusto.es/cs/deusto

Information

- Deadline: 2021-05-21
- Category: Academia
- Province: Bizkaia
- Country: Basque Country
- City: Bilbao

Company

Universidad de Deusto

Deusto

Main functions, requisites & benefits

Main functions

The researcher will perform the following functions: To analyse the state of the art on Reinforcement Learning techniques and their suitability for different scenarios with autonomous and collaborative robots. To model, design and experiment with Reinforcement Learning strategies using simulation environments. To design and develop AI algorithms. To collaborate in documentation and publications related to the previous activities.

Requisites

General Requirements University degree in computer engineering, computer science, applied mathematics or similar. Solid Python programming skills applied to Artificial Intelligence. Fluent in English (written and spoken). It will be also considered as a Plus: PhD. Previous experience in applying Reinforcement Learning techniques to Robotics Experience with tools and libraries such as OpenAI Gym, TensorFlow, PyTorch, ML Agents and similar. Previous participation in research projects.