



Robocup@Home Software - Machine Learning Engineer

Role Description:

- Integrate Machine Learning models developed by the research team with the main software pipeline
- Integrate Machine Learning models in ROS and robot hardware
- Identify and report any issues and limitations caused by existing hardware
- Develop Navigation Protocol and Higher Level Decision making for competition robot

Alongside the specific role description there are the general software member expectations that each member should meet:

- Use Microsoft Teams for all forms of communication with members or mentors for design team related work
- Use the team's Trello board for task management, and stay on track on individual members' responsibilities
- Use team's GitHub organization to for any software related work

Positions Available: 3

Requirements:

- Taken a course with emphasis on an object oriented computer language course (Python/C++ would be best)
- Completed a work-term on a role with emphasis on Software Development
- Interested in Systems Integration
- Experience with standard tools in software development such as GitHub, VS code (or any text editor of preferences)
- Experience with terminal and any linux distribution
- Have passion to learn about state of the art ML algorithms
- Experience in ROS would be an asset