



UBC OPEN ROBOTICS

## **Robocup@home Gripper - Simulation and Software Engineer**

**Position Description:** Looking for an addition to the Gripper subteam to run simulations in MoveIt and Gazebo to aid in designing and testing the gripper for our humanoid service robot.

**Number of Available Positions:** 1

### **Responsibilities:**

- Attending weekly meetings and work sessions
- Creating and running simulations of gripper model, and potentially arm model as well as designing control software

### **Preferred Qualifications:**

- CPEN, ELEC, and/or CPSC students with minimum second-year standing, 3rd or higher preferred
- 5 hours available weekly, including weekly meetings and weekend work sessions
- Experience with programming in Python, C++

### **Bonus Qualifications:**

- Experience with MoveIt and Gazebo would be an asset