

**cv2:** Library used for image processing

**numpy:** is the fundamental package for scientific computing with Python

**argparse:** Parser for command-line options, arguments and sub-commands

**imutils:** A series of convenience functions to make basic image processing functions such as translation, rotation, resizing, skeletonization, and displaying Matplotlib images easier with OpenCV.

**neopixel** and **board:** Used to control the blinking LED of the DIM bot.

**time:** provides functions for working with times, and for converting between representations

**pyswip:** is a Python - SWI-Prolog bridge enabling to query SWI-Prolog in your Python programs.

**dialogflow:** Dialogflow is an enterprise-grade NLU platform that makes it easy for developers to design and integrate conversational user interfaces into mobile apps, web applications, devices, and bots.

**speech\_recognition:** Speech Recognition in Python using Google Speech API

**os:** provides a way of using operating system dependent functionality.

**urllib3:** urllib3 is a powerful, sanity-friendly HTTP client for Python.

**rospy:** is a pure Python client library for ROS. The rospy client API enables Python programmers to quickly interface with ROS Topics, Services, and Parameters.

**std\_msgs:** Standard ROS Messages including common message types representing primitive data types and other basic message constructs, such as multiarrays.

**Adafruit\_PCA9685:** This module allows you to easily write Python code that control servos and PWM with this breakout.

**sys:** System-specific parameters and functions. This module provides access to some variables used or maintained by the interpreter and to functions that interact strongly with the interpreter.