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Learning Robotics using Python
He has authored four books in ROS, namely, Learning Robotics using Python, Mastering ROS for Robotics Programming, ROS Robotics Projects, and Robot Operating System for Absolute Beginners. He is currently pursuing his master's in Robotics from India and is also doing research at Robotics Institute, CMU, USA.

Page 4/13

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A Python class (also called an object), is simply a collection of data (variables) and methods (functions) that act on those data. Classes are the basis of good robotics programming and you must master them if you want to create complex robotics programs that do not Page 7/13

become spaghetti. The main concepts about classes that you must master are:

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This affects the choice of which robot programming languages are best to use: Usually, C++ is used for these kinds of scenarios, but in simpler robotics applications, Python is a very good compromise Page 8/13

between execution speed and ease of development and testing.

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Page 11/13

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