



Robotics Programming 101

Scott Preston

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Robotics Programming 101 shows you how to plan your first robotics program, pick a brain, language and operating system for your first robot. This book is also filled with programming examples in PBASIC, Arduino, Java and JRuby. Some of these examples include: serial communication, servo and microcontroller programs, sensors like sonar and a digital compass, text-to-speech, speech-recognition, computer-vision, differential drives, robot arms, basic navigation, and much more!

The reader should have a basic understanding of robot parts, like servos, sonars, and microcontrollers (BASIC Stamp & Arduino) and the Java or Ruby programming language.

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