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The Content of the Chapters Each chapter will lead you step-by-step through the construction of the physical project, the building of the necessary circuits, the programming of the Arduino board, and the implementation of the Processing programs that connect the Kinect data to your Arduino board. Most projects will involve the implementation of two separate programs, the Arduino program and the Processing program.

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Starting with the Arduino and Kinect equivalent of "Hello, World," the authors will take you through a diverse range of projects that showcase the huge range of possibilities that open up when Kinect and Arduino are combined. Gesture-based Remote Control. Control devices and home appliances with hand gestures. Kinect-networked Puppet.

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You went through a couple of simple examples to illustrate the structure of Processing sketches and the use of the Simple-OpenNI library. You will be using Processing and Simple-OpenNI to interface with Kinect and Arduino in every single project, so this is a very important tool.

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With the smaller Arduino circuit board, less clearance is required to hold the circuit board, which means more flexibility in the design of the project. A comparison of the Arduino and the LEGO NXT brick can be seen in Figure 1-2. Figure 1-2.

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Acknowledgements: Kinect Matlab, Simulink Support For Kinect, and Kinect Microsoft Sdk inspired this project. Awards and Recognitions: "Gesture Controlled Robotic Arm Using Kinect (Simulink Support For Kinect) and Arduino" has been chosen (29/10/2016) as Pick of the Week!

Gesture Controlled Robotic Arm Using Kinect & Arduino

This repository accompanies Arduino and Kinect Projects by Enrique Ramos Melgar and Ciriaco Castro Diez (Apress, 2012). Download the files as a zip using the green button, or clone the repository to your machine using Git.

GitHub - Apress/arduino-kinect-projects: Source code for

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