Gaming with Gestures

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What is this Demo:
- Leap Motion Controller is a small USB peripheral device to control your computer or programs with your hand gestures instead of using a traditional keyboard and mouse.
- We demonstrate its use in gaming with a Leap Motion app called “GameWave.”

How Does it Work:
- The Leap Motion Controller has a 150° field of view and a Z-axis for depth (a super-wide 3D space).
- With the “GameWave” app, your gestures will correspond to specific key and mouse movements.

Gesture layout:

Advantages and other applications:
- Works with multiple PC games
- Can also be used for education, art and product design applications

Try it:
Main Hands gestures:
1. Left hand for movement and left weapon control.
2. Right hand for camera angle and right weapon control.

Lessons Learned:
The Leap Motion Controller requires proper lighting to detect hands’ shape and movement, and so sometimes it can be glitchy.