

<http://www.pocket-lint.com/news/17152/3d-iphone-ihologram-app-shown>

## iPhone gets 3D hologram App

Uses technology found in classical painting to trick viewers

by Stuart Miles published on 25 August 2008

"Help me Obi-wan Knobe, You're my only hope" is to become a reality (well of sorts) thanks to a new iPhone app called iHologram.

Created for the iPod touch and iPhone by designer David O'Reilly the application gives the view the idea that the graphic is a 3D hologram jumping off the screen.

"The application works by assuming a constant viewing angle (35-45 degrees), typical for when the device is placed on a tabletop. The 3d scene's perspective is warped using anamorphosis, the same technique used in Hans Holbein's painting The Ambassadors. This application does the exact same but updates dynamically", says O'Reilly.

Using the iPod's built-in gyroscope, the software calculates rotation on the y-axis, so we can look around the environment around by turning the device, there are also controls for manual rotation with a slider on the left-hand side of the screen.

O'Reilly is currently looking for developers to help him further the project, but just thinking what this could offer gamers using the device is getting us giddy.

