
MIXED REALITY, VIRTUAL REALITY, AND AUGMENTED REALITY

I compared Mixed Reality (MR), Virtual Reality (VR) , and Augmented Reality (AR) below.

Interesting facts.

THE FIRST MICROWAVE OVEN

Raytheon makes the microwave oven in 1946

<https://drive.google.com/drive/u/0/folders/111R9LsBhbzZKVi1MBuDjT0DXkah3gQpW>

THE FIRST LASER

Raytheon makes the first laser in 1960

<https://www.cnet.com/news/the-laser-turns-50/>

LASER DISTANCE METER USED FOR MIXED REALITY

A blog for laser positioning system beginnings 1989, 1995, 2012:

<https://laserpositioningsystem.com/wp-content/uploads/2021/05/Humble-Beginnings-of-Real-Time-Robot-Control-1.pdf>

...Little by little

AUGMENTED REALITY

Facebook's new name shows company is focused on augmented reality.

'Facebook just changed their name to "Meta," they are trying to build an augmented reality "Metaverse."

[Welcome to Meta | Meta](#)





Welcome to Meta | Meta

The Facebook company is now Meta. Our company's vision is to help bring the metaverse to life, so we are changin...

MIXED REALITY VS AUGMENTED REALITY

Augmented reality is a subset of mixed-reality.

<https://www.fi.edu/difference-between-ar-vr-and-mr>

Mixed reality is what I am doing with the laser positioning system.

I am using real world input from the [laser distance meter](#) to create a virtual landscape in the computer. The software makes decisions based upon the virtual landscape then the computer controls the robot arm in the real world using servo controls.



Laser Positioning System | Measurement in 3 dimensions for real-time and...