**Introduction:**

Robots and jobs one of the biggest revolutions since the dawn of the 21st century and till this day we are living through its impacts and anticipating its impacts in the future , one of those impacts is jobs and where do robots fit in the future ? what jobs should be automated, and which should not ? In this essay we will argue that certain tasks should not have robots involved for their optical recognition requirements paired with fine muscle control.

Robots have many advantages which we see in our everyday life from the speed of production of goods and technology to safety however everything has its limits and robots are no exception so where do we draw the line and what aspects draw the line in the first place?

**Aspects of human and robot:**

Humans work to survive. for centuries humans had to work to live, had to work to feed their families and over the year this changed a bit giving the fact that responsibilities became a lot more for humans such as rent, car payment, insurances, and taxes.

So, when you work and make a living you gain some control over your life, you learn new things, gain more skills, make relationships in the process, and get attached to the people you work with. You gain independence.

According to a time magazine article robots might replace about two million jobs in manufacturing, you may ask why? what makes a robot better than a human? Here are some aspects.

Firstly, we must define what robot is : any automatically operated machine that replaces human effort, though it may not resemble human beings in appearance or perform functions in a humanlike manner. By extension, robotics is the engineering discipline dealing with the design, construction, and operation of robots.

Robots can work 24/7, so it is an ideal option for companies looking to save some money, because a robot gets no pay or benefits at all. Also, a robot can be programmed or trained to do a certain task that is usually done by humans such as telemarketing and data entry, and it will do it 24/7 with the possibility for errors to happened is less than humans.

Humans eventually get tired; they will need some time to relax and recover their minds and bodies. They get emotional and miss their families, friends and loved once. Robots do not possess any of those human trades they don’t get attached to anything but what they are programmed and trained to do which makes it a very valuable asset for companies.

Those where some apparent differentiating factors between humans and robots however the differences go much deeper than that.

Some of the aspects that only humans have are :

1. **Adapting to new situations:**

Humans are not restricted to software or premade conditions which is the biggest advantage humans have that irreplaceable in any new situation humans can use past knowledge and experiences to adapt.

1. **Fine-tuned movement and control:**

Humans have complete control of their body combined with the pervious aspect it makes for non-replicable movements such as works of art , sports or in environments where fine detail is key such as in car manufacturing of luxurious brands as their main selling point is how manmade their products are as such skills cannot be replicated.

1. **Emotional Intelligence:**

Most living creatures have an emotional side from humans down to animals which change based on the slightest changes in factors that only humans can understand those changes and how to act and when to act in those situations and provide support if needed.

1. **Translation and Commination :**

Humans main method of commination is speech , human commination evolves with time however an even bigger factor that effects language’s is geographical location even if two parts of the world speak the same language’s how they communicate will be different as their respected dialects will have changed how core components of the language are interpreted all this can be done by humans easily if they have command knowledge of the dialects however it is very hard and will always contain a error rate to be achieved by robots.

1. **Judgment :**

Human trials and courts are complicated very sensitive subjects that do have defined rules however how there are interpreted and used differs from one case to another moreover using the previously stated aspect of emotional inelegance is a key aspect in the judgment process things such as body language , speech and more cannot be judged by programable rules even if they are that can be used against the system to get the upper hand.

Robots have their own strengths even if the previously weaknesses exist some of those are :

**Where to draw the line:**

For ages human do their job where they do a demanding work but sometimes they do not produce the amount that cover the price because the worker get tired after long work until robots where created which replaced the human work force in many industries as robots don’t get tired so they can work all day.

Because of that some jobs replace humane workers with robot’s worker, and it is risen the benefit of the result, but the robot cannot do everything there is some job that robot can take part of it but can't replace the humans.

In this topic we will cover the job that robot cannot replace humane and the job that robot replace humans.

# The jobs that robots cannot do

# Childcare Expert :

# Robots cannot take care of small children or babies in the same way a human being can (note: we can talk a little bit more about affection and emotions).

# Teacher :

# Robots cannot take this job because they do not have a feeling and cannot come with something new to do other then what they are programmed for. (note:ممكن نتكلم زيادة عن إيصال المعلومة(

# Doctor :

As with childcare professionals and teacher, robots cannot take the doctor job because sometime the doctor needs to do something out of ordinary.(note: maybe talk about experience in the medical field)

**Jobs Taken Over By Robots**

## **Bomb squad:**

The military and police actively use bomb disposal robots to examine and if found destroy bombs without endangering human life.

## **Switchboard operator :**

Early phones required a human operator to be on the other side of the phone directing your call to whom you wanted to talk by manually moving plugs into other jacks Today all switching is managed by computers and no longer requires a human operators.

## **Bowling ball pinsetter :**

In the past a person would sit next to the pins clearing and setting the pins each time someone bowled.

As we saw from the previous examples of jobs that humans or machines dominate we can take away some crucial factors that determined what jobs get dominated by who.

The biggest factor for robot dominated jobs are ones that need high efficiency and pose high risk to be done by humas thus became a market to automate those fields, As for human jobs they dominated the ones that need more emotional inelegance and have a unlimited number of possibilities and a high need for adaptability those where some of the biggest contributing factors to draw the line between human and robot jobs.

**Solution :**

**Conclusion:**

**References :**