The age of robotics:

Are robots taking our jobs?

Matthew Neighbour

Oakland University

Abstract

Robots are becoming more prevalent in todays society. They are being used to augment and replace human labor. People a fearful that robots and other computer-based technologies are going to take over their jobs. Many businesses are turning to this new form of labor and it is scaring the public. But for this technology to fully replace humans in the workforce many problems need to be solved.

Many people have heard on the news that robots will be taking over our jobs. While robots are being integrated into everyday parts of our life, our jobs will remain intact. Robots have always been a part of our life, making it better and easier.

Robots

Robots are a part of our daily lives (augmenting humans, not replacing)

Robots are a large part of everyone’s life. Robotic systems take the form of the dishwasher. Taking care of cleaning dishes after every meal. Microwaves provide a sustainable cooking resource for college students. The fact of the matter is that robots are all around us, and they are here to stay.

Look specifically into a case study in Australia

Look at use in dairy farm (focus on robots taking mundane jobs that last for months)

Look into robots being used by small firms

Look at present day challenges with modern technology

Atkinson, R. (2014). Robots aren't taking your job. *Issues in Science and Technology,* *30*(4), 9-10. Retrieved from http://www.jstor.org/stable/43315200

This article discusses claims made that robots will take 80% of jobs. The article also talks about robots’ shortcomings in replacing humans.

This paper will use this example of robots in the workplace to look further into their use. This article will be used to explain the short comings of robots in taking human jobs.

Borland, J., & Coelli, M. (2017). Are Robots Taking Our Jobs? Australian Economic Review, 50(4), 377–397. https://doi.org/10.1111/1467-8462.12245

This article talks about a specific case study in Australia where computer-based technologies were introduced into the workforce. The study found that there was little to no change.

This paper will use this example of robots in the workplace to look further into their use. This paper will use this case study to show the effect of robots being used in the workplace.

Wilson, G. (1991). Industrial Robots for Smaller Firms. Production and Inventory Management Journal, 32(1), 25. Retrieved from http://search.proquest.com/docview/199913152/

This article talks about the implementation of robots in small firms. The article also talks about the factors that should be considered when deciding to use robots.

This paper will use this example of robots in the workplace to look further into their use. Specifically looking into the costs and considerations needed to be made when using robots

Anonymous. (1995). Cheese robots take over in Swiss dairy vaults. The Industrial Robot, 22(5), 6. Retrieved from http://search.proquest.com/docview/217018457/

This article explains how robots are used in a Swiss dairy vault. The robots take care of the cheese over the 3 to 9 months of ageing.

This paper will use this example of robots in the workplace to look further into their use. I will use this example to show the use for robots in the industry.

Albus, J. (1983). Robotics: Challenges to present-day technology: Robots must be produced in great numbers with more advanced capabilities, and we must lose our fear that they are taking over our jobs. IEEE Potentials, 2(Fall), 24–27. https://doi.org/10.1109/MP.1983.6499635

This article talks about how robots are starting to take a greater role in industry. This article also talks about how humans are not being displaced by them.

My paper is talking about whether or not humans are being replaced by robots. This article will be used to argue that robots are not taking out jobs. As well as, that producing and using robots provides immense technical problems that need to be solved.