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Development is a process that varies across space and time, and measures of development are used to understand patterns of social and economic differences at a variety of scales.

Over time, the development of a community or city can steadily increase, as innovations are made in technology and mechanics. These developments may vary across time and the area in which they occur in; however, despite this continual advancement in automations and computers, there will always be a need for workers. A few weeks ago, a company called Alsbridge came to my school and explained the services they provide, as well as how technology is changing in the 21st century, and how this will later affect us once we graduate. Thus, this presentation allowed me to understand how technology is changing over time, and how the development process varies according to different factors.

Alsbridge is an outsourcing company that helps clients utilize the most cost-effective and value-added sources globally for IT infrastructure services, network carriers services, hardware and software, application support and development, business processes and cloud services. Thus, the company explained the process of outsourcing during its presentation, the advantages and disadvantages of outsourcing, and the future of automation. Companies often outsource in order to reduce certain costs, such as high taxes, government regulations, labor costs, or energy costs. Countries that have a highly skilled population, with extremely low labor costs, are often designated areas for outsourcing; this is the case with India, which supports a very skilled working class, however not enough IT jobs. Countries that are located closely to large industrial powers, like the United States, that have low labor costs are major sources of outsourcing as well, like Mexico, where Maquiladoras are large centers for outsourcing. Furthermore, countries often outsource in areas where English is commonly spoken, such as India, Mexico, parts of Africa, Pakistan, Bangladesh, and parts of Southeast Asia. Thus, a country’s requirements before being able to be outsourced in include low labor costs, skilled workers, and English as an official language, causing many countries to be eliminated as prospects for outsourcing. Furthermore, advantages to outsourcing include a decrease in several different costs, as well as the availability of more workers in the home country; however disadvantages include the increase in transportation costs, as finished products are shipped back to the technologically superior country. Thus, the Aldridge presentation allowed me to develop an understanding of the process of outsourcing, and helped me gain a global perspective on how development is a process that varies across time and space.

Technology has increasingly changed over time, causing people to change with it accordingly. As innovations occur daily, and our world becomes more advanced technologically, automations start to develop automatic movements that can be controlled as they gain artificial intelligence. These movements and this intelligence allow them to work in several financial, human resources, call centers, and data analysis job positions. Thus, there are several different areas in the financial and marketing department that are being over run by automans that are able to produce the same effect as humans, but in a more efficient manner. However, there will always be a need for human workers, as new jobs, that require a higher education level and more skill, are opened to workers that are denied simple jobs taken by robots. Advantages to using computers over human labor include the efficiency with which computers work, the work hours provided by robots, the ability for robots to be trained in several different processes, and the accuracy with which robots work. Robots work far faster then humans are able to and are able to work 24/7, whereas humans are only able to work around 12 hours a day, and are allowed vacation time period, as well as time allotted for sickness, etc. Furthermore, robots can be multi-purposed and programmed for several different jobs in a manner of weeks, however it takes years for humans to learn the right skills and education that would allow them to be as highly trained as robots. Likewise, robots work with astounding accuracy and are not often wrong due to human reason, whereas humans can be inaccurate if they work too fast or do not pay enough attention. Thus, technology has changed vitally over time, and continually causes humanity to change with it, as new jobs have been created and computers have taken simple jobs.

Over time, the development of a city can increase, as technological innovations are made that allow more efficient workers to take form. These developments may vary across time and space; however, despite this continual advancement in automations and computers, there will always be a need for workers to work complicated jobs not qualified for the artificial intelligence of robots. A few weeks ago, a my school was visited by a company called Alsbridge, who explained the services they provide, as well as how technology is changing in the 21st century, and how this will later affect us once we graduate. Thus, this presentation allowed me to understand how technology is changing over time, and how the development process varies according to different factors.