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Space Applications: How The Use Of Satellite Technology Will Promote Access To Data And Information In The Fourth Industrial Revolution

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The 4th industrial revolution is going to be driven by three key ages, artificial intelligence, digitization and most notably the Space age. It is this last field especially that has formed the bulk of my research and how Space Applications can promote sustainable development on the African continent especially through the use of satellite technology. Given rapid technological advances many fields, including the law and humanities, are evolving to keep up with a world that is constantly looking for effective and more efficient ways to conduct business. Take for example the proliferation of satellite technology for internet coverage to increase access to information to individuals in remote areas such as Rwanda and most recently Ghana have done. This is all with the broader aim not only to establish Africa's technological footprint but also to encourage the younger generation to gain a better appreciation of how important it is to integrate into the global community and often the only way to do so is access to important data on the rapidly changing trends in modern sectors. Artificial intelligence and digitization are also pertinent to the extent that they could potentially eliminate the need for human intervention in the coming years, and the future generation in its teachings must be informed of the consequences and the preemptive steps to be taken to ensure that in a technologically driven world they will still find relevancy and an opportunity to contribute to different sectors and career fields. I hope to give insight on space law, a highly niche area of the law and how it interplay's with the other drivers of the 4th industrial revolution and how collectively each should be a fundamental part of educational curricula. Now that "robots" have and will replace many of the functions currently conducted by humans how do we stop the next generation of researchers, students, industry experts from becoming obsolete, lazy or simply failing to engage with what is a novel but extremely complex development in modern society.

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