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GitHub Repository URL: <https://github.com/LYC114514>

GitHub Pages URL: <https://github.com/LYC114514/assignment-1>

Intro to IT

I am Yicheng Lu you can also call me Dave. I've been studying in Australia for 6 years since my family migrated from China, and I am currently studying the information technology at RMIT. This is my first year in UNI, I choose to study here because of its IT is the top tier among the world and RMIT is a very formal university in this area. I passionate about study this subject, all IT subjects are interest to me because I am a FNG to this area it opens a fantastic window of the world of IT as Learning itself is interesting. IT is a language help people to understand and build the communication channel with the digital world. IT is also a technology which is always creative and keeps innovation as the time pass. It also provides a huge range of my career development. I would like to study cloud computing, cyber security, and data analysis. I have a range of hobbies includes cycling, E- sport and terrarium care.

The technology of IT also could help to predict the result of an election through the database analysis, cyber security can secure the secret of the politicians. IT also could help government to make population check, help government to analyse the large database which need to be count by millions.

The green screen and CG reconstruction help movies production as in Star Wars Rogue One CG reconstruction let Governor Tarkin and Young Princess Leia come alive on screen although their actor already passed away the green screen technology also help make some great scenes such as the duel at Mustafar and the destruction of Alderaan to make fantastic effect.

Robots are also apart of information technology which are useful in multiple areas they can be use in multiple areas includes working in hazard environment including deep sea mining and deep space explore, drones are using to scout and destroy target in military around the world, robot also be use in both medical and car manufacture industry.

The development of internet also causes the fall of CD industry. however, unlike someone thought CD industry will disappear. I think the CD industry will not get disappear because the CD can be used to storage for the original history document or store for a long period of time up to several decades and CD can be use when there is no internet.

In our daily life there are two kind of robots near us they are TurtleBot and Baxter. TurtleBot is a low-cost robot unit use opensource software which can be used to

learn how the robots work and programming on another hand Baxter is an industry robot which used in manufacture the nearest one in our daily life is the TurtleBot as it is cheaper and more to be used as a learning tool for beginner of robot programming.

IT also involve in economy the best example is the Bitcoin it is the only type of cryptocurrency based on blockchain idea. Which cryptocurrency is the economy use digital pay and blockchain idea is an idea that decentralized, distributed ledger that records the provenance of a digital asset. Bit coin also contain huge amount of value nowadays one bitcoin is equal to 73562 Australian Dollars.

The most useful app on my mobile is WhatsApp as it has multiple use which involved communication, Bar code scanning, read topics, and play some mobile games. As these functions will be use regularly and need to be done in a short period of time this means a laptop is not suit this situation as it is more time consuming then a mobile phone.

I interest in this area because it is an area with almost endless opportunity and can found a range of job. The key skills for this project in volves programming, data analysis and which I will learn as many stuffs in this area as possible and do practice on this area to gain some experience. Also, I would like to research topics such as new technologies which can be helpful in my future career. Although, there are boundaries of IT includes psychology, social activities and other areas which involving dealing with people directly as the word said 'machine can never replace people or know how the people think.' however, IT can still give some necessary support to those areas.

In future I would like to do jobs involves cyber security and data analysis, the main reason focus on the cyber security is due to security management is a main challenge of future world. We need to build an effective security rule to support maintain data security, user privacy, hardware and software security to reduce the loss due to data leak. For data analysis could provide multiple data model to support in different scenarios by business purpose such as to predict how the market need go on economy area support to make a business decision or innovation.