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About Me

I was born in a suburb of Melbourne Australia and have lived here my whole life. My ancestry is mixed but all from the continent of Europe.

I have just finished secondary school and speak only one language, the Australian version of English.

I enjoy most sports and have competed in many team sports such as Soccer, Australian rules football, tennis, cricket, snow skiing, sailing and athletics. I currently compete in both off the beach and Keelboat sailing.

I enjoy watching all sports, I mainly watch F1, cricket tennis and AFL in person or on various forms of media.

On a personal note, I am easy going. I enjoy meeting new people and experiencing new things.

I enjoy travelling to new places and experiencing new cultures but have not been out of Australia in a very long time. I hope once the borders reopen I can travel oversea. I would love to work or study for a period in another culture and see how others really live.

Why RMIT?

RMIT has a great history being over 130 years old, if something has lasted that long it must be good. It ranks well on the graduate employment ranking. I choose I RMIT because it was available. If an on-campus student, it offers many benefits as being a central location and all forms of transport on the doorstep. It also has great clubs and a good reputation. I have a strong family connection to RMIT. I have not found one person who has gone to RMIT who has not liked it.

Why IT?

People may ask why study IT, I asked you why not. Information Technology is used in every field that I can think of. I cannot think of a day in my life where I have not used it or benefited from it. I could see no disadvantage in studying IT as no matter where life leads me, the knowledge could always be built on.

IT formation

I have a great deal of experience using off the shelf IT devices. I have no real experience in technical side of Information Technology. I have often wondered how things worked. I have putted apart and rebuilt some electronical items. I have successfully repaired some not others.

I used to enjoy using simple basic programing tasks like to make electronic toys move. I enjoyed exploring the different applications on my tablets, phone and computers. It was just natural as I enjoy problem solving. There was no one particular event or person which drew me to IT. As I was born in this century, it has always been with me. I just was interested in my surroundings and enjoyed my IT experiences.

Expectation of studying IT

I am studying to increase my knowledge and skills to help gain employment in the future. I have enrolled in introduction IT subjects which I hope will give me a greater insight to the IT industry. I expect to increase my knowledge greatly. I can use the subjects as base of any further paths, I choose in life.
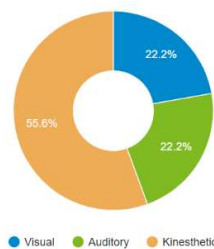
I hope to improve my study routine and personal knowledge and skills. I mainly expect to enjoy my time

studying these subjects and get inspiration from them.

Information Technology is used in nearly every field of employment, so knowledge of IT can only benefit someone. It is good to have an understanding about something you use every day.
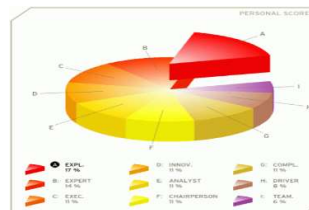
Personal Profile

My learning Style

Intelligence testing FSIQ – average intelligence

Verbal Comprehension Index – High Average

Visual Spatial Index – High Average

Fluid Reasoning Index – Superior

My personality

Extraverted	- 67%
Observant	- 66%
Feeling	- 59%
Prospecting	- 75%
Assertive	- 68%

Team Role Test

Personal Profile test results meaning
The results show that I am more than capable of working in a team, areas which I preformed well in and other areas needing assistance are projected. I could draw of the abilities of other in the team to make a balance group to complete tasks on hand. I am a good thinker but need team members to help with the presentation of task.

Ideal Job

My idea job would be an informational Technology role in an elite racing sport field such as F1 motor racing or sailing. Most of these jobs would mean relocation to an oversea country. Currently I found one job which could link me to one of these industries. It involves IT knowledge in It and the media industry. This could be gained by choosing IT electives from the media field when completing my studies.

Current advertised job

Media and Events Senior Associate

Link:Media and Events Senior Associate - McLaren Racing
Required skills, qualifications and experience;

• Web based networking including live streaming
• Production in Av (live & prerecorded)
• Understand media file names, format and storage applications.
• How to use Adobe
• Knowledge of audio-visual control systems
• Know how to use and ide Experience in Live events and AV production
• Knowledge of streaming and collaboration technology.

• Understanding of media files and formats.
• Experience in Adobe creative suite.
• Interest in audio visual control systems
• Methodical approach to asset management.
• Identify the equipment used.

Job description
(my own words) It is a job that involves connecting their social media and live function recording to a digital platform, likely their app, social media eg twitter and you tube. It also involves ensuring the data is keep on a secure database which is easily accessible. You also need to be able to work with several different people from different areas. Current Skill relating to job I know basically about Av production and how to upload a video to the web.

How to gain the needed Skills relating to job ;

• I could join an audio-visual club and learn the needed skills.
• I could choose units in my studies which give me the knowledge I needed.
• I could gain experience through part time employment or volunteering in media organizations IT departments.

IT Project Idea

Overview My idea is an app and devices which will help people with dementia continue to live in their house longer. Problems which force dementia people into aged care are usually;

- Wandering away from the home
- Leaving the stove/oven on.
- Forgetting to eat
- Falls
- Forgetting to use lights, heater, phones etc.
- Personal care

Suggested implementations

The person with dementia would need;

- a micro chip personal tracker.
- A detailed plan of their house would be stored on the app, so their movements are tracked and stored on a cloud.
- Controls would also be placed on power outlet and appliances, so they can also be controlled externally from the app.

Motivation

The Australia Government Dementia was the second leading cause of death in 2017, and is expected to affect up to 550,000 by 2030. (source Dementia Overview - Australian Institute of Health and Welfare (aihw.gov.au)) In the media you are often hearing about elderly people with dementia going missing, you also sometimes hear of fires in the home of those with dementia. It is believed people with dementia cope much better in their familiar own home than in a dementia home for the aged. I feel due to this we should try to keep dementia and other elderly in their homes for as long as possible.

Description

The features of the product and service;

- Microchip tracker
- monitors the movement around the house.
- Notifies when patient leaves the building and residence
- Notifies of fall
- Can monitor heartrate, oxygen levels and glucose.
- Smart plugs
- Fitted to power point and light bulbs, so power can be remotely controlled if needed.
- Smart Cameras
- To be used to communicate both visually and audio when needed o Placed at various position in the house and can be activated when monitoring is required
- Control unit

- Can control gate lock, so wanders can not leave the house.
- Can open door and close door remotely if needed.

Tools and Technologies
The following technologies and tools would be needed;
• Microchips
• Smart plugs and globes
• Webcams with microphones
• Infrared sensors
• Electronic gate and door locks
• Power sources including back up
• Data center
• Remote monitoring center
• Safety equipment
• App information which controls usage time

Skills required
It should not be too hard to find the required skills, software and hardware as many of the things are already consumer available.

• A lot of software needs to be written to so there are algorithms for all the task at hand which are required. This would be outsourced.
• Most of the hardware required is already available but may need to be modified for the tasks. This can also be outsourced.
• 3D printing would also help in making the items appear to the dementia patient that they were familiar with their home.

Outcome
If the project is successful, more people with dementia would be able live in their familiar home for longer with this IT equipment and monitoring. The impact would more costs in setting up but less cost in aged care. Dementia patients should be safer in their own homes and keep their independence and be more comfortable for longer.