

COSC2196 Introduction to Information Technology

Assessment 1: My Profile

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Name: Nicholas Joseph Kyriakakis

Personal information

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Picture:



Background information (nationality and culture, education to date, languages spoken) Australian, Greek background, education to date is one degree in commerce and finishing my last 3 subjects for my financial planning degree at RMIT, languages spoken English and learning Japanese and Chinese.

Interesting fact: I am a raid leader in the video game World of Warcraft

Interest in IT

What is your interest in IT?

My interests in IT stem from a desire to help those with technical issues in a world that has been increasingly moving towards a more vast use of technology and information systems. In saying these interests also occur from my own usage of IT in forms of communications, searches, recreational interests such as video games and movie making.

When did your interest in IT start?

My interests in IT started around age 9 in primary school when I was awarded the captain of the MICE team which teaches young students how to use computers and a more in-depth basis into the systems of how they work to assist the youth in schools with potential careers moving forward.

Was there a particular event or person that sparked your interest?

The event that most sparked my interest in IT was the game World of Warcraft which I've been playing for almost 18 years in an online community with such in-depth and use of communication with people around the world I knew then that IT would have a massive impact on myself and the future as a simple message can travel great lengths.

Outline your IT experience (if any)

I do not have any professional IT experience.

Why did you choose to come to RMIT?

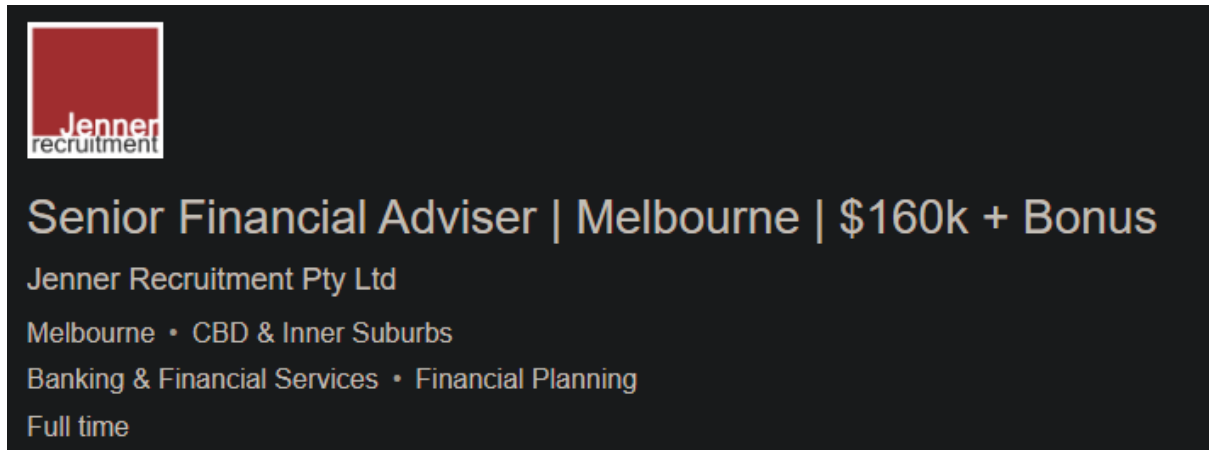
I chose to come to RMIT for my schooling because it was a close by well renowned university which many of my friends have attended and graduated from with good feedback.

What do you expect to learn during your studies?

I expect to learn a breadth of information focused on the financial aspect of studies and application of programs which can progress me towards my goal.

Ideal Job

The job advertisement itself. Include a link, and a snapshot of it (in case the link expires before the assignment deadline).



A description (in your own words) of the position, and particularly what makes this position appealing to you.

The position of this job is to oversee for a business their financial situation to clients by providing the business with advice to new clients and existing clients, maintaining systems updating them and current ones. This position is appealing to me because I can provide people with better financial decisions to their life and future.

A description (in your own words) of the skills, qualifications and experience required for the position.

The skills, qualifications and experience required for this job are to have a minimum amount of experience in the industry so you may be able to understand and converse with others about systems and features involved in the occupational territory, strong communicational skills with all kinds of people from different walks of life, a current financial advisors license and current edge knowledge on the occupation and laws involved.

A description (in your own words) of the skills, qualifications and experience you currently have.

I just started working in this industry so experience level is low and learning the systems involved, currently have exceptional communicational skills to clients and other staff members, learning through RMIT the extra knowledge needed to progress further to achieve my license.

A plan describing how you will obtain the skills, qualifications and experience required for the position, building on those you have now. This need not be greatly detailed, (and will probably change significantly over time anyway), but try to be as specific as you can.

I plan to acquire these skills through Canstar rated qualified assessment, longer work in the industry, learning off professionals and a continued knowledge acumen by taking advantage of the university system.

Personal Profile

The results of an online Myers-Briggs test. www.16personalities.com



<https://www.16personalities.com/estj-personality>

The results of an online learning style test.

What's Your Learning Style? The Results

Your Scores:

[▶ Printer Friendly Version](#)

- Auditory: 40%
- Visual: 35%
- Tactile: 25%

You are an **Auditory** learner! Check out the information below, or [view all of the learning styles](#).

Auditory

If you are an auditory learner, you learn by hearing and listening. You understand and remember things you have heard. You store information by the way it sounds, and you have an easier time understanding spoken instructions than written ones. You often learn by reading out loud because you have to hear it or speak it in order to know it.

As an auditory learner, you probably hum or talk to yourself or others if you become bored. People may think you are not paying attention, even though you may be hearing and understanding everything being said.

Here are some things that auditory learners like you can do to learn better.

- Sit where you can hear.
- Have your hearing checked on a regular basis.
- Use flashcards to learn new words; read them out loud.
- Read stories, assignments, or directions out loud.
- Record yourself spelling words and then listen to the recording.
- Have test questions read to you out loud.
- Study new material by reading it out loud.

Remember that you need to hear things, not just see things, in order to learn well.

<http://www.educationplanner.org/students/self-assessments/learning-styles-quiz.shtml?event=results&A=8&V=7&T=5>

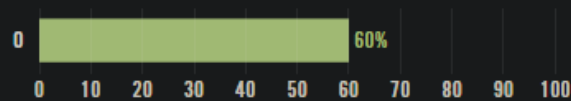
The results of one further online test of your choosing.

Your Personality Trait Scores

This Big Five assessment measures your scores on five major dimensions of personality: Openness, Conscientiousness, Extraversion, Agreeableness, and Neuroticism (sometimes abbreviated OCEAN). In this free report, you'll see a description of each of these five factors of personality, as well as a graph of your score on that measure.

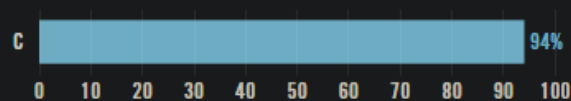
Openness

Openness describes a person's tendency to think in abstract, complex ways. High scorers tend to be creative, adventurous, and intellectual. They enjoy playing with ideas and discovering novel experiences. Low scorers tend to be practical, conventional, and focused on the concrete. They tend to avoid the unknown and follow traditional ways.



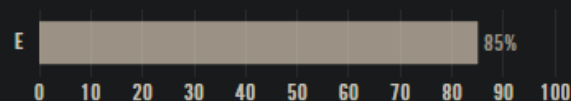
Conscientiousness

Conscientiousness describes a person's ability to exercise self-discipline and control in order to pursue their goals. High scorers are organized and determined, and are able to forego immediate gratification for the sake of long-term achievement. Low scorers are impulsive and easily sidetracked.



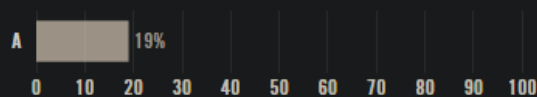
Extraversion

Extraversion describes a person's inclination to seek stimulation from the outside world, especially in the form of attention from other people. Extraverts engage actively with others to earn friendship, admiration, power, status, excitement, and romance. Introverts, on the other hand, conserve their energy, and do not work as hard to earn these social rewards.



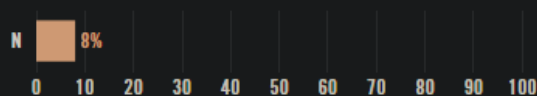
Agreeableness

Agreeableness describes a person's tendency to put others' needs ahead of their own, and to cooperate rather than compete with others. People who are high in Agreeableness experience a great deal of empathy and tend to get pleasure out of serving and taking care of others. They are usually trusting and forgiving. People who are low in Agreeableness tend to experience less empathy and put their own concerns ahead of others.



Neuroticism

Neuroticism describes a person's tendency to experience negative emotions, including fear, sadness, anxiety, guilt, and shame. While everyone experiences these emotions from time to time, some people are more prone to them than others. High Neuroticism scorers are more likely to react to a situation with fear, anger, sadness, and the like. Low Neuroticism scorers are more likely to brush off their misfortune and move on.



What do the results of these tests mean for you?

Honestly it told me what I already knew, just reaffirming my knowledge of myself, as I am what I am and very accepting of myself for who I am, even if others may find this abrasive or welcoming, I see myself as the open-book type to ask anything at and learn from different ways.

How do you think these results may influence your behaviour in a team?

I'm a big team player, if the goals of the team line up with my own, although at times stubbornness can occur, I do not let emotions get in the way of the end objective, which I believe makes me a great team asset.

How should you take this into account when forming a team?

When forming a team you need to take like-minded individuals together to create a better work cohesion unit, which can produce the greatest number of outcomes with the least amount of friction.

Project Idea

Overview (100 words) - This should be a summary of what the project will be.

An App that is an aggregate of all the various streaming platforms that you have an active membership on. This App would allow you to search for a piece of media and regardless of what streaming platform it is on, will redirect you including SSO, to that application/media stream. The goal of this application is to reduce the amount of time and effort the user spends swapping between the various streaming platforms looking for a specific show/movie and would also easily encourage easier browsing between multiple applications.

Motivation (100 words) - This should be a description of why the project will be interesting or useful. This may include statistics or other evidence, such as: "There service. are 1.5 billion cat owners in Australia, and so there is a huge market for an automated cat feeder. Using Raspberry Pi technology is a cheap and easily assembled solution to this problem."

The motivation for this project has been born out of frustration of having many streaming platforms and taking the time to open different ones only to find the television show I wanted to watch was on a completely different platform instead. To simplify this process down to an easy search bar is an extreme quality of life improvement for not just myself but various people who own multiple streaming platforms which according to statistics "In its 14th annual study of streaming, using a sample of 1,990 households, the company found that 78% of them have a subscription to Netflix, Amazon Prime or Hulu, up from 69% in 2018 and 52% in 2015. The increase is even steeper in terms of homes subscribing to more than one of the three, with 55% now in that category, That's up from 43% in 2018 and 20% in 2015. While pay-TV subscriptions are in secular decline, there is a significant correlation between pay-TV subscribers and SVOD households. In the study, 58% of TV households get both, compared with 20% getting SVOD only and 16% getting pay-TV only. (The remaining 6% get neither.)" - <https://deadline.com/2020/08/more-than-half-of-u-s-households-now-subscribe-to-multiple-streaming-services-study-1203025747/>

The number of households from this set of statistical information shows an extremely large area of profitability around the creation of this application and quality of life to multiple households.

Description (500 words) - Detailed description of the features of the product or service

The product being developed is an in-depth piece of search system technology which answers the problem of being able to search media platforms, this product will be focused on finding a certain piece of media for example: The television show Stranger Things, which is broadcasted on the streaming platform Netflix, the program will be able to deliver you to the broadcasters domain of the specified media 'Stranger Things' on Netflix and open the program for you, without the need to go through different programs to find that specific piece of media.

In doing this the program will have to have a base line database used to store every single piece of media from the various platforms and then use the search function created through programming languages to make a directory for the search to acquire the information from the database, which

can be put into URL form to give the user a direct link to their destination, which would go through normal networking by the use of manual input from the user to give them their desired outcome.

Searching through the database on inputs from users, must be a friendly interface that just takes the user exactly where they need to go with no added clutter, can bring up previous request history stored for the person and even mark media as a favourite, using different devices the app will have all if not at least the majority of the major in use systems such as android and apple so the program will be able to function on all devices that the users may have.

The app will also have automatic speech recognition, which is good for those who may have an injury or disability which leaves them unable to use their hands for instance, instead they can use their voice to search for the piece of media they need.

Two forms of Data collection and caching, in data collection it will have an opt-out function for those who do not want any of their searches being recorded and given to a third-party as privacy to some of the people who use this app will be a top priority, as this also establishes a form of trust with the person using it knowing that nothing nefarious will happen to their data. Data caching so the app will store as much data as possible so it can be functional even without the internet as going back to a previous search it can tell you where you last found that piece of media instead of automatically opening it for you, just given you a reminder that it is there.

Tools and Technologies (100) words - Describe the software, hardware and/or other equipment needed. Include any relevant open-source tools as appropriate.

Git as a form of source-control and fork which is an interface for git, Integrated Development Environment such as visual studio 2022 as a form of Ide used for creating the code for the application, would also need databases from various streaming platforms to cross reference all the relevant media information onto the application to direct the user interface to the destination. Different forms of phone systems such as android and apple to use on your phone to connect to your television.

Hardware based technologies such as mouse, keyboard, monitors, phones.

Skills Required (100 words) - List the skills are required for your project, including software that needs to be written, and special hardware (if any). How feasible will it be to find the skills, software and hardware required?

Skills required for this project will involve; Have an understand of programming languages such as Csharp and C++. Interface and database creation which must have significant backend to host the data of the media platforms, easy to use interface such as a cloud system. Find out how to gather information either by user driven APIs or directly sourced from the streaming platforms themselves.

Hardware required; having variety of phones of all different shapes and sizes and different systems to make sure the program can work on all devices, a MacBook for apple phones.

The feasibility of these skills, software and hardware required for this project come down to how willing a streaming platform is to opensource their database and cross logs to other platforms.

Outcome (100 words) - If the project is successful, what will be the outcome? How will the original problem be solved? What impact will this development have?

If this project is successful it will lead to a large quality of life for users of multiple media platforms, by making searching for a piece of media and where to find it narrowed down to a simple search that will direct the user to the location to where they can view the media. The impact this will have should be a decent time saving convenience for the multiple millions of users from various subscription based platforms to have everything complied into one place, and if you turn to monetise this the users would be very vast and profitable.

Submission format Upload as one (1) single PDF report file to Canvas via the link on the Assignment page.

Include Name, Student ID, GitHub Public Repository URL, GitHub Pages URL at the top of the document, and the rest of the assessment content following in the Submission PDF.

