**Personal Information**

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Bio: I am a 31-year-old separated father of an amazing 3-year-old boy named Leonardo. I do not get to see him often as he lives in Mexico with his mother which is not ideal. But thanks to IT I can see and talk with him every day, he helps me keep on top of my Spanish too.

I have lived in Mexico for around 3 years and since my separation earlier this year, it has brought me back to Australia and has made me rethink my goals in life, hence studying to do something I am passionate about.

I have previously started a Bachelor of Business with Griffith University but do not intend to finish it as my passion is in IT as opposed to what I am currently doing. Also, I am an Operations Manager for a finance company so I have the relevant experience required and do not feel finishing that degree will benefit me.

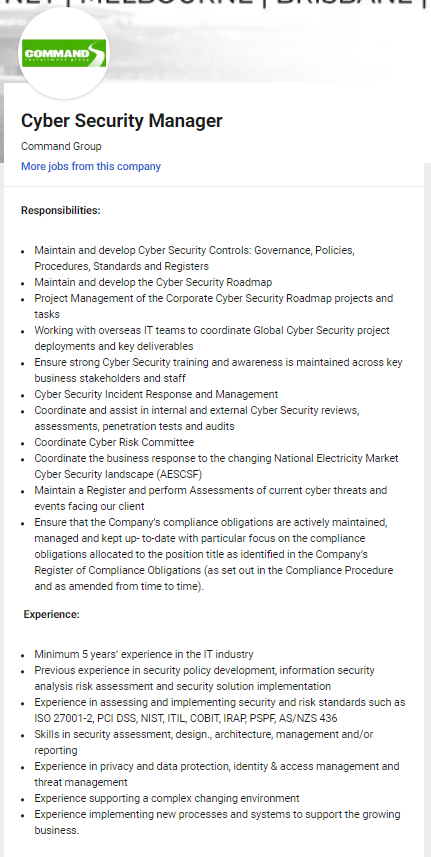
I love basketball and AFL. My favourite anime series are Cowboy Bebop, Sword Art Online, Seven Deadly Sins, Dragon Ball & Naruto. I really enjoy games, mostly RPG’s but also dabble in others like DOTA. Warhammer, Space Crusade & Magic are some of my favs, I have never played DND but am super keen to. I also don’t read a lot of books but I do enjoy comics.

**Interest in IT**

* I have always been fond of IT. I am baffled on how a tiny chip can have so much power, how typing a bunch of words produces a program and how the possibilities are endless. My interest really started when I was little, my father was a photographer and I was amazed at what he could do with a camera. Since then I have been involved in film & TV as a hobby and I also am the go-to IT person at work (If I don’t know the answer, I can generally figure it out, basic office upkeep).
* RMIT ranked in the top 1% of universities globally last year and as I need to study via correspondence it was an obvious choice for me who was wanting to study IT.
* I expect to gain a basic understanding of many IT-related topics through this Introductory course. Through the entire bachelor degree, I expect to obtain all requirements to obtain employment in either cybersecurity, web/app/program development or networking.

**Ideal Job**

<https://www.seek.com.au/job/39811571?type=standout&searchrequesttoken=a2fced89-f512-4dde-89a1-1270711c0f5c>

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***Job Description***

* Develop and maintain cybersecurity solutions. Ensuring that if there are any breaches, they get resolved quickly with minimal loss of data integrity. Cyber Security is one area of interest to me and as the manager of the role, I would have the say in what and how things happen.

***Skillset Required***

* The following skillsets/experience would be required to perform this role.
  + Management
  + Programming/Development experience
  + Risk analysis and mitigation
  + Intrusion detection
  + Malware analysis
  + CEH
  + Cloud security
  + Security analysis

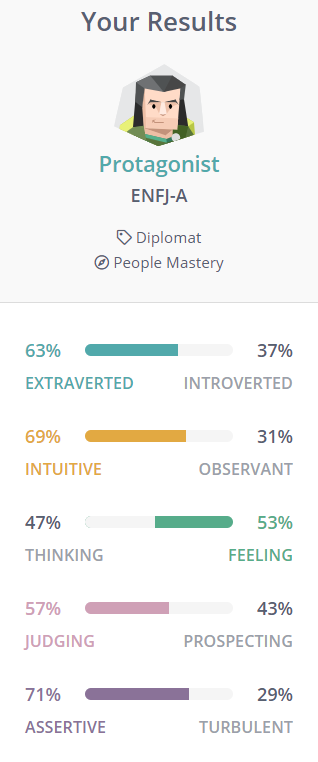
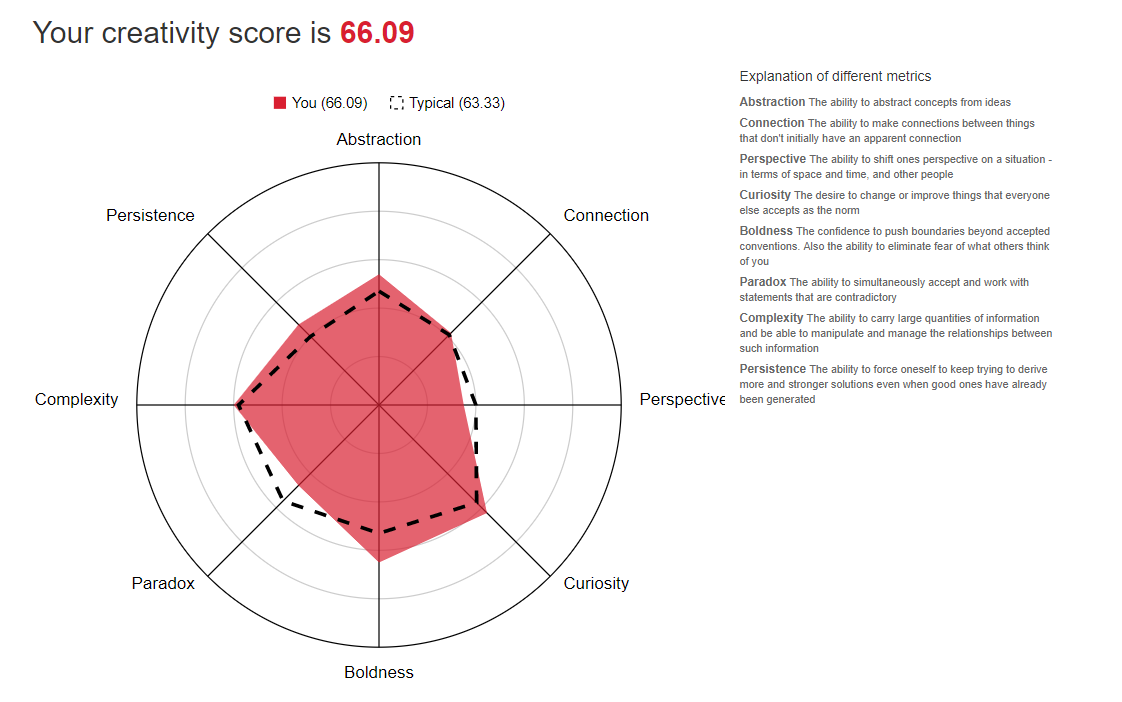
***Current Relevant Skills***

* I currently have the management skills required for the position.
* Basic understanding of computers and their operating systems.
* Basic level of networking.

***Plan to Obtain Skills Required***

* I plan to first complete this course and then my Bachelor of IT, then I would go onto a Master of Cyber Security while hopefully working in the industry to then go into a management role after my masters.

**Personal Profile**

* My personality type is ENFJ Extraversion (E), Intuition (N), Feeling (F), Judgment (J)
* I am a visual learner
* The results of my creativity test. 
* What do the results of these tests mean for you?
  + That I am a natural-born leader who learns best with visuals and has many strengths in my creativity which include the ability to eliminate fear of what others think of me and the confidence to push boundaries beyond accepted conventions.
* How do you think these results may influence your behaviour in a team?
  + “People with the Protagonist personality type are intelligent, warm, idealistic, charismatic, creative, social... With this wind at their backs, Protagonists are able to thrive in many diverse roles, at any level of seniority. Moreover, they are simply likeable people, and this quality propels them to success wherever they have a chance to work with others.”
* How should you take this into account when forming a team?
  + Forming a team should be done by starting with learning/knowing the other members' strengths/weaknesses and trying to find people that excel where others don’t, to create an entity that is impenetrable.

**Project Idea**

***Overview***

I would like to build a program that acts as a serviceability calculator for the finance & investment industry. It would be created for the sales department of the company and it would allow them with minimal information to be able to quickly establish whether a potential client would qualify for one or more of the services provided by the company.

***Motivation***

According to fintech.treasury.gov.au *“Australia’s financial services sector is the largest contributor to the national economy, contributing around $140 billion to GDP over the last year. It has been a major driver of economic growth and, with 450,000 people employed here, will continue to be a core sector of Australia’s economy into the future.”*

With so many companies in the industry and with first-hand experience working for 3 different companies in the industry, there is definitely a need for a small program like this. Many companies are currently just working off spreadsheets for qualification and it leaves too much room for human error and missed potential opportunities.

***Description***

The project will be a program that is put on the network accessible by all users who will require to use it.

The user will have the program on their desktop, once they double click on it to open it up they will then be presented with a clean interface with titles and text fields appropriate to each heading (i.e. Household Income, Home Value, Mortgage Level, Superannuation Level, Other Debts and Dependants). The user will then input the information gathered during their phone call with a potential client. Once all the fields have been filled out and the user clicks on the qualify button, the program will make some calculations (these calculations happen in the background of the program unseen by the user) and then the user would be met with one of two outcomes; green with a tick for a qualified potential and red with a cross for a potential who does not qualify.

It would also go into a bit of detail on why or why not it qualifies. For example if the potential client qualified it would show a green tick along with a note stating that this situation qualifies for one or some of our services; i.e. Qualifies for SMSF (Self-Managed Super Fund) or qualifies for Property Investment, or maybe it doesn’t qualify and it would show a red cross and a note saying something along the lines of this potential does not qualify due to equity or income is too low.

The user would then be able to distinguish quickly and easily whether to book the potential client in for an initial appointment or put them down as a call back for a future date when they may qualify for the companies services.

The back end of this program, like most programs, is where things will require the most work. It will need to incorporate a lot of different calculations, taking into consideration all field inputs to produce the outcome. These calculations will look at the potentials income level and amount of dependants vs their equity and debt levels to distinguish whether or not they can look at property investment. Income and superannuation balance to qualify for an SMSF.

The calculations will also need to be easily modified due to the fact that the laws, rules and regulations around the industry change throughout the years.

***Tools and Technologies***

The software required to build this project would be a database building application/software. There are numerous different software that could create this database. Below is a list of suitable software solutions;

* MongoDB
* Microsoft Access
* MySQL
* Caspio
* Zoho Creator
* HyperBase
* LibreOffice Base
* DB Browser for SQLite
* Kexi
* nuBuilder Forte

**Skills Required**

To be able to produce this program you will need to be able to write code and have a decent understanding of one of the previous (or other similar) software. You would also need a basic understanding of networking to be able to roll it out to the entire department. Also experience in debugging and IT support to maintain the program.

Finding someone with these skills shouldn’t be hard to find as it is a project that is not too demanding. A graduate from a Bachelor of IT or similar should be able to build this program.

***Outcome***

Upon successful completion of this program, it will improve productivity within the entire business as the sales reps would not have to be going back and forth asking each relevant department if their potential qualifies for the companies services. It will also allow management to request updates and for them to be implemented and updated quickly.

The best part about this is that it will save a lot of printing each time there is a change to the qualification which means less trees being cut down. Therefore it not only aids the company but the planet too.

***Referencing***;

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