Name: Michael Ridgway

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Student Email: S3956710@student.rmit.com.au

Nationality: Australian/Scottish

Education: Certificate II Business
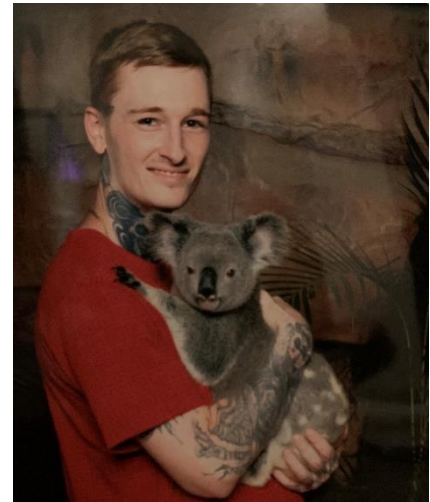
Languages: English

GitHub Public Repository URL:
https://mridgway12.github.io/Michael-Ridgway/

GitHub Pages URL:

https://github.com/mridgway12/Michael-Ridgway

Fun Fact: Before moving to Queensland, I was being 'watched' by Soccer scouts in New South Wales. After having moved to Queensland, soccer was not as prominent as it was in New South Wales, and there were not any close clubs to join.

Interest In IT:

My interest in IT started at 7 years of age, through gaming with *Duke Nukem 3D*. I was compelled to explore every possible secret and Easter Egg possible, on top of playing the game for what it is. From there, I was trying to download games online, as well as music from *Limewire*, which resulted in my parents' computer riddled with viruses. I had to know how and (literally) why this happened, and how I personally could fix it. I was then obsessed with all things IT and started teaching myself the basics through *YouTube* and gaming. When playing a game, I need to understand the fundamentals of all the commands, how they trigger responses in the games, and why all of this occurs.

I have chosen to study at RMIT as I believe it is a leading university for IT progression and upcoming technology advancements. I believe attending a university that is 'ranked in the top 10 universities in Australia for studies in IT' (RMIT University, 2022), is crucial for developing my skills and knowledge. The fact RMIT is 'number one in Australia for graduate employment rate' (RMIT University, 2022), was also extremely appealing in being the university of my choice.

During my studies with RMIT I expect to learn how to appropriately use *Github*, learn programming and developing software, learn how to use all the languages related to coding and exactly how they all work and implement with one another. Along with all of this, I hope to learn and retain all the fundamentals in relation to Information Technologies, including how it all began, advanced website and application developments, how robots are created and commanded to commit to tasks, etc. while studying a Bachelor of Information Technology at RMIT.

My Ideal Job:

Lead Software Developer / Team leader

Patient Zero

Sydney • CBD, Inner West & Eastern Suburbs

Information & Communication Technology • Developers/Programmers

Full time

Posted 3d ago

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Here at Patient Zero we provide teams as a service to our many customers. Many customers = many interesting domains to work with. We are an agile organisation through and through. We don't believe in hierarchies, only enablement of information flow through teams, ensuring you get the help you need when you need it.

Key to our high-performing teams is ensuring independence and autonomy. Decisions are made by the team, and all team members have a voice. Your role is to ensure those values are upheld.

We're looking for someone with leadership qualities who likes to work in small teams of 4/5 people and can:

- Establish a collaborative and thriving working environment for you and your teammates
- Be proactive, propose solutions and influence architecture decisions for the products we build
- Enjoy working on various aspects of software development: architecture, frontend, backend, automated testing, deployment, etc.
- Mentor and educate peers on software quality and promote development best practices

We get to play with lots of technology, some of these being:

- TypeScript and C#, ReactJS and the like, NodeJS and .NET Core but also some iOS/Android Java/Kotlin, Spring Boot, and much more
- We always aim for the right implementation using microservices, K8S and Docker, Serverless architecture, and DevSecOps principles
- We use the cloud every day and don't limit ourselves to one provider: AWS, Azure, GCP

One more thing, when you sign at Patient Zero, you also get:

- A signing bonus of 2 weeks salary – enough to suit up your WFH kit if you need it!
- An extra 10% incentivisation on top of your base salary to use across tech funds and personal projects (incubator)
- Paid certifications in our partnership programs
- A bunch of learning groups & a personal growth planning program to advance your career
- Flexible working arrangements with hybrid work from home and our CBD office
- We also play hard and have board game nights, wine tasting events, and multiple company celebrations

If you thrive in environments that are constantly evolving, in which you can learn and grow your career, we want to have a chat with you!

Link:

The ideal job I have chosen is a Lead Software Developer/Team Leader at a company called *Patient Zero*, as I have the goal to become a world-class software developer and programmer. As a team leader in this job role, you are expected to be proactive, have an influence on architecture decisions and propose solutions for the built products, as well as creating a thriving and collaborative work environment for your team. It is crucial to enjoy the many aspects of software development and educate peers on software quality. Paid certifications in the partnership programs at *Patient Zero*, as well flexible working arrangements with working from home and the office make this job appealing and attractive to me.
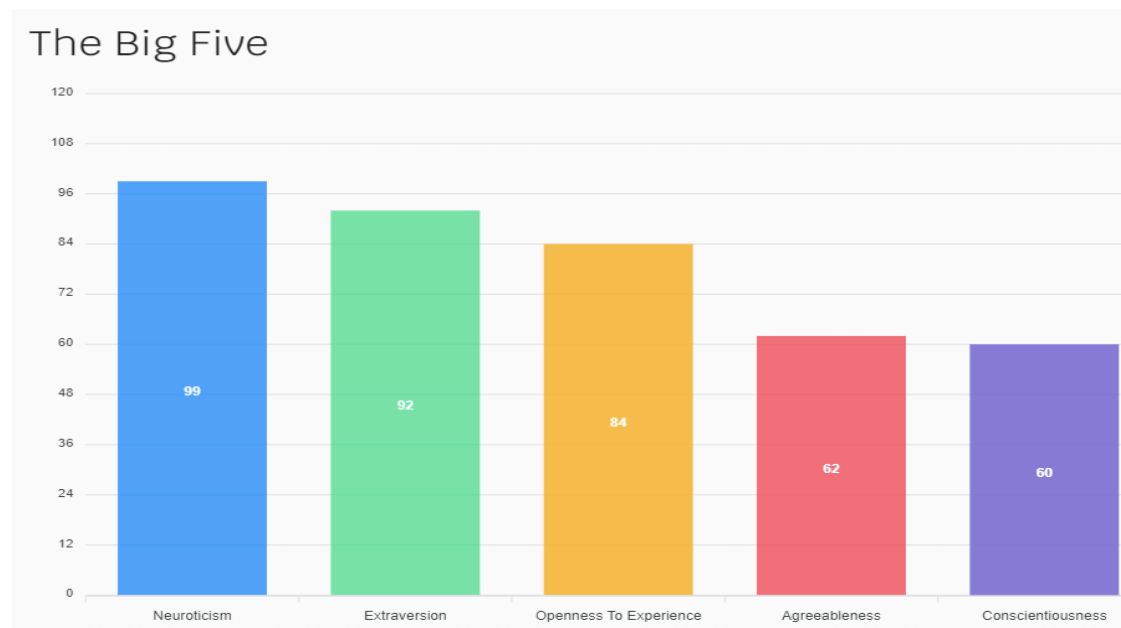
This job is also attractive to me due to not only seeing the team environment of friendly and fun people, who have the same sense of humour as myself, as shown on the *Seek* job advertisement and in the *Youtube* video; Working at Patient Zero - YouTube, but also due to the fact the job offers a 'bunch of learning groups & a personal growth planning programs to advance your career' (*Patient Zero.* Seek, 2022). The opportunity to work in a smaller team environment of 4/5, opposed to a complete office setting is also what attracted me to the job, as I find smaller teams and office settings more relaxing and enjoyable. I believe this would allow me to focus and invest all the knowledge I retain into the job, removing small distractions and ensuring the required skills are being utilised.

The skills required in this job role are extensive programming knowledge, the ability to work with numerous tools used for coding (including TypeScript and C#) and knowing different coding languages*,* working on cloud base networks (including Azure, AWS and GCP), leadership qualities and mentoring peers. The leadership qualities and skills to mentor peers are not new skills to me, having previously being employed as a Team Leader for *St George Bank*. In this previous job, I was responsible for a team of 20 other staff members, mentoring them in all the aspects of customer service, being their leader in the job role and teaching them how to navigate the software used. This job advertisement does not state any needed qualifications, but is clear what knowledge is expected. While the expected knowledge of extensive programming, coding applications and languages, along with cloud base networks are not yet extensively known to me, I plan to achieve this through studying a Bachelor of Information Technology at *RMIT*, continuing onto a Master's degree.

Personal Profile:

The results from the *Myers-Briggs* mean to me that I am very analytic and love to debate. These match with the results from the *Big 5 Personality Test*, which shows I score low in

agreeableness. The online learning style test is accurate with the way I was taught in school, through visual aids. I find having visual aids, such as a graph extremely beneficial. Being an extravert, as shown in the *Myers-Briggs* results and the *Big 5 Personality Test* results, I believe I make a strong team leader, and thorough problem solver which will benefit me in a team. These results will influence my behaviour in a team in being the first to put my hand up and break the ice, as well as wanting to be the first to complete the workload. When forming a team, I believe these tests results should be considered. I believe two debaters can be better than one, as a debate can get down to the core issue, having members of the team bouncing ideas and solutions off one another until the most beneficial one is created.

The Big Five

Neuroticism	Extraversion	Openness To Experience	Agreeableness	Conscientiousness
99	92	84	62	60

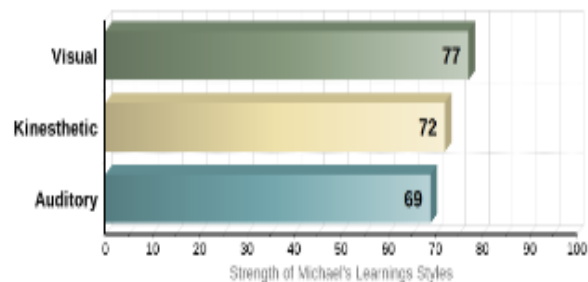## Michael Ridgway's Personality Max™ Report

Save

Viewing a friend's report? Get yours!   Start Free Test

Your Learning Styles

Discover how you learn by **hearing**, **seeing** and **doing**.

	Strength of Michael's Learnings Styles
Visual	77
Kinesthetic	72
Auditory	69

The results of your personality test are in. Here they are:

Personality type: Debater (ENTP-T)
Traits: Extraverted – 63%, Intuitive – 88%, Thinking – 76%, Prospecting – 64%, Turbulent – 74%
Role: Analyst
Strategy: Social Engagement

Project Idea:

Overview: My project idea is a smartphone and computer application that users in the animal industry, including veterinary clinics; boarding kennels; groomers; trainers and day-care facilities can use to log on and check a household animals' veterinary history. This includes all relevant vaccination information, medications, and behaviours. This application will be developed using *MIT App Inventor* and accessible to those using *iPhones, Androids* and tablets*.* There is currently no similar application for users in this industry to remotely check veterinary history without having all the relevant paperwork or a phone call to a veterinary clinic. This application will essentially be a *My Health Record* for animals, saving time for all users, as well as saving the environment eliminating paper usage.

Motivation: The motivation behind my project idea stems from knowing how crucial a pet's veterinary history, especially vaccination status is for boarding and day-care facilities. A current vaccination is the main requirement when checking in to a boarding facility, and often the most forgotten about part by an owner. Having an application which can only be logged on by those in the animal industry, can not only avoid any arising conflict between staff and owners, but also save time, and ensure all important details are passed on to those who require it. This can assist to avoid wait times, and ensure no pets are at risk of catching deadly diseases.

Description: This application would be used by a registered business in the animal industry. Simply searching details including the microchip number of the animal, owner's address or phone number will allow the user to sight all veterinary history. This allows the user to ensure they know exactly how to care for and treat the animal. The application will also allow the user to add any relevant information, such as the animal's temperament towards staff and other animals while boarding, whether the animal ate their food, jumps fences and incident reports. This will then allow the veterinary practice in knowing all details for appointments after boarding (such as if the pet refused to eat, was injured or in a fight), and if an emergency was to occur. If an animal needed to be rushed to the emergency veterinary clinic, this will assist the staff in gathering all details. Often, owners are stressed, upset and scared when having to go to the emergency clinic and details can be forgotten among the way. This application will ensure nothing important is missed or forgotten by the owners.

While the application will be used to ensure things are not missed or forgotten, obstacles may occur. These obstacles include important details not being immediately uploaded, clinics not having the staff available to upload details on to the application, internet connection issues, privacy leaks and application errors. Constant updates on the application would be needed to remove any obstacles with errors, along with a firewall to combat any privacy leaks and prevent hackers and pet owners from accessing the application/database. If the user does not have current internet, the application saves all information that the user wishes to upload and has a feature to automatically upload when the connection is once again strong. The application users voice to text, allowing staff members to utilize this feature and save time. Another obstacle that may occur is the facility not having access to the microchip number of the animal. This is combated by allowing the user to enter other details including the species, breed and name of the animal, along with the owner's address, email address, mobile number, date of birth and drivers license number.

Working at a boarding kennel, I know how important this application will be for the animal industry. Owners do not like to admit negative attributes in their dogs, such as if they will jump fences, if they are social to other animals and people, and if they have or have not been vaccinated. Having all these details through an application that shows the attributes and history assist the animal care workers in ensuring the animal receives the best possible care that they can, that the individual

animal is safe, as well as the staff and other animals. Knowing from a previous boarding kennel if an animal can jump over fences prior to boarding allows the kennel to assign the dog into a suitable room and yard. Not having every needed detail about the animal can be detrimental to the business, and this application can ensure the best for all involved.

Tools and Technologies: *MIT App Inventor* will be used to create the application. *MIT App Inventor* is a 'free, cloud-based service that allows you to make your own mobile apps' (*MIT App Inventor*, 2022). Using *MIT App Inventor* is the quickest way to create the application for a first-time app creator, allowing users to have a 'simple first app up and running in less than 30 minutes' (*MIT App Inventor,* 2022). A strong internet connection is also required, as a web browser is needed to use the App Inventor. Once the application is made, users will need to have either an *iPhone, Android* or Tablet in order to access the application remotely and whenever needed. Users will also need internet connection to upload all relevant information.

Skills Required: To create this application through *MIT App Inventor*, experience in a blocks-based programming language is required, as well as knowledge on using a computer and the internet. Also needed to create this application, is experience in the animal industry, knowing exactly what details are needed to go into the application by those uploading details. As this application is being created by the *MIT App Inventor* tool, there is not a wide variety of Information Technology skills required to create the application.

Outcome: The outcome of a successful application will assist all of those in the animal care industry knowing exactly how to care for, as well as medicate, household pets. This application will also save time for those needing vaccine details, eliminating the need to phone a vet, as well as save paper by no longer needing to have a printed vaccine copy. This application will also give owners a peace of mind, knowing all their pets' details are given to only those who require it, ensuring the utmost care is given, as well as knowing all important details are not forgotten.

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