A picture containing person, glasses, indoor, smiling

Description automatically generatedPersonal Information

Name: Alana Spicer

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I am a triplet born and raised as a twin as one triplet sadly passed away just after birth. I am a vibrant mum of two teenagers, and I think an awesome mum and wife, well I keep the household running smoothly at least and no one dies throughout any given day!!!. I am Australian born, born in Brisbane, Queensland. I completed year 12 in 1997. I have completed a certificate 3 in Dental Assisting, Certificate 3 in Sterilisation and back many years ago a Certificate 2 in Information Technology. I am fluent in the English language maybe some Australian slang thrown in 😊. I crochet in my spare time and enjoy playing the Xbox.

Interests in IT

What is your interest in IT?

A black calculator on a white surface

Description automatically generated with medium confidenceMy interest in IT started back whilst I was at school in 1995/ 1996 studying computers as a subject for high school. I remember the teacher walking into the classroom with a large box (mobile phone back then) and then somewhere in the lesson connecting to the world wide web. It was then that my imagination was running wild at the possibilities of the future and what could potentially happen with computers and information technology.

When did your interest in IT start?

My interest in IT started in a computing subject at high school in 1995 or 1996. Shortly after I acquired my first mobile phone. This was my first mobile phone. I remember this magic moment in technology like it was yesterday, if only I had kept the phone to compare it to today technology.

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

My computer teacher seemed so knowledgeable with computers, he was so passionate about the subject that he and the whole world wide web sparked my interest.

Outline your IT experience?

I don’t really have any experience in IT apart from my everyday use since that time at school in my computing class. I guess I use IT every day, to purchase good at the shops, use of my smart phone every day. Using the laptop to type this assessment. I guess I use IT more than I realise for tasks that we complete everyday even without realising.

Why did you choose to come to RMIT?

I was just googling, as we do on the internet. I have always been interested in computers and RMIT was the first page that came up. I clicked and enrolled. I spoke with a customer service officer from OUA (Open Universities Australia). I liked the idea of swapping and changing between full time and part time degree. I was originally looking at cert 3 in Information technology at TAFE, but I thought why do Certificate 3? why not see what university has to offer.

What do you expect to learn during your studies?

I expect to learn about computers and stream into a particular area of interest once enrolled into the Bachelor of IT. I am still unsure about where I am headed in the IT world. I have worked with 3D graphics and bringing them to life from architect plans. I am sort of interested in help desk, cyber security, coding, graphics and gaming all at the same time. I just like computers and how they make our lives a little easier, unlike back in the day of a paper trail.

Ideal job

**3D Artist**



A picture containing text, clipart

Description automatically generated

**3D Artist**

[Apply for 3D Artist at Aurecon](https://www.seek.com.au/job/54790587/apply/linkout?searchrequesttoken=bdf3d1dd-35f1-4669-89fb-f44e64b992be" \t "_blank)

[Apply](https://www.seek.com.au/job/54790587/apply/linkout?searchrequesttoken=bdf3d1dd-35f1-4669-89fb-f44e64b992be" \t "_blank)

Save 3D Artist at AureconSave

Share

**Just imagine your future with us…**  
  
Aurecon is committed to creating an inclusive culture that embraces diversity, equity and inclusion - and we provide our people with flexible working opportunities.  
  
Aurecon is an Employer of Choice for Gender Equality, as awarded by the Workplace Gender Equality Agency (Australia), and are a founding member of The Diversity Agenda in New Zealand. We also have a Reconciliation Action Plan and hold Silver Employer status in the Australian Workplace Equality Index for LGBTI+ inclusion. Across our company, inclusive leadership is role modelled from the top and is an expectation of all.  
  
*Our flexible way of working includes our flexible start and finish times, working from home, part time and job share options. Aurecon also offers 3 weeks paid parental leave, two weeks paid partner leave, and other health services and benefits.*  
  
*If this is how you would like to work, you'd be a good fit, we'd love to hear from you. We welcome people of all identities from all background and with diverse accessibility needs. We're curious about your career path and how we can support you to be your best.*  
  
Innovation, eminence and digital are at the heart of everything we do. Our digital team consist of Creative tech and Visualisation, Data analytics, Digital Enablement and Digital Automation. Unsigned Studio is the visualisation team, delivering films, stills, VR and creative projects for our clients.  
  
**The Role**  
  
We have an exciting opportunity for a mid-level 3D Artist to join Unsigned Studio. Our team of creative professionals use visualisation, interactive, and creative technologies across diverse projects for a broad range of clients and sectors, and throughout the project life cycle. This role covers all facets of production including stills, film, interactive, architectural design and communication.  
  
Here are the key things you will do to 'bring ideas to life'.

* Model, texture, light, animate and render 3D scenes in a 3dsmax/Vray pipeline, both still and animated.
* Keyframing and rigging for bespoke animated sequences e.g. stylized diagram sequences, transport/mechanical animation, construction staging animation.
* Working with 2D motion graphics artists, follow style guides and animate 3D motion graphic sequences.
* Work as part of a close project team and follow existing studio pipelines.
* Assisting on projects and contributing creatively and technically.

**What we are looking for**

* Experience in architectural visualisation and animation shots with a broad generalist skillset is essential.
* A vivid imagination and a dedication to excellence with an ability to learn on the job
* Knowledge of 3DS Max, Vray and Adobe Suite.
* Experience in keyframing and animation.
* Postproduction skills for still images and animated shots is desirable as well as experience in Realtime 3D using Unity and/or Unreal
* A knowledge of post-production workflow in fusion and the use of 3D plugins such as Forest, Railclone, Anima, Phoenix, Tyflow is a bonus.

We value the difference each team member brings, and we look for people who have had a broad range of experiences and a growth and learning mindset.  
  
**About us**  
  
**We've re-imagined engineering.**  
  
Unsigned studio is a global 3D visualisation studio within Aurecon.  
  
We are a team of creative professionals that enable people to experience and explore urban environments and infrastructure like never before. We make journeys unforgettable and tell stories that connect.  
  
We are a studio within global engineering and infrastructure advisory business - Aurecon. Our clients' ideas drive what we do. Drawing on our deep pool of expertise, we co-create innovative visualisation solutions with our clients.  
  
Our work is underpinned by strategy, storytelling, creative technology and experimentation. We work across diverse projects for a broad range of clients and sectors, and throughout the project lifecycle.  
  
**Want to know more?**  
  
Check out the Unsigned Studio website:  
  
**https://www.unsignedstudio.com/**  
  
You can learn more about what it's like to work at Aurecon by visiting the careers section of our website.  
  
If you are intrigued or excited by what you have read, then we want to hear from you. Apply now!

See below for snap shot of advert through seek.com.au

Graphical user interface, text, application, email

Description automatically generated

Link for for ideal job [3D Artist Job in Melbourne - SEEK](https://www.seek.com.au/job/54790587?type=standout#searchRequestToken=f83bd2c3-b3fe-488c-ad56-97b8d28527d4)

Description of position in my own words: -

The position of 3D artist which is advertised for a company called unsigned studio which is team within Aurecon. The position of 3D artist must utilise his or her visualisation, creative and 3D modelling skills across a broad range of technologies and for various clients and sectors.

Personal Profile

[www.16personalities.com](http://www.16personalities.com)

Link to results

[Introduction | Consul (ESFJ) Personality | 16Personalities](https://www.16personalities.com/esfj-personality)

Your personality type is:

**ESFJ-A**

**Mind**

This trait determines how we interact with our environment.

**52%**

**48%**

**EXTRAVERTED INTROVERTED**

**Energy**

This trait shows where we direct our mental energy.

**41%**

**59%**

**INTUITIVE OBSERVANT**

**Nature**

This trait determines how we make decisions and cope with emotions.

**36%**

**64%**

**THINKING FEELING**

**Tactics**

This trait reflects our approach to work, planning and decision-making.

**51%**

**49%**

**JUDGING PROSPECTING**

**Identity**

This trait underpins all others, showing how confident we are in our abilities and decisions.

**71%**

**29%**

**ASSERTIVE TURBULENT**

Online learning style test

Link to test

[Learning Style Quiz (thoughtco.com)](https://www.thoughtco.com/learning-style-quiz-4076781?quizResult=84308d0b)

Results: -

You got: You Are a Strong Tactile Learner!

As a tactile learner, you like to get active as you learn.

If you are a tactile learner, you probably do best when you participate in activities that get you out of your chair. You remember things best once you've experienced them.

You don't understand things so well if you [only read](https://www.thoughtco.com/how-to-read-and-remember-1857119) about them. Reading usually bores you. You may talk with your hands. You might have been called a poor listener or a fidgety student, because sitting too long makes you nuts! You probably sit in the back of the class. You can benefit by using role playing methods when you study. You could also benefit from making your own flashcards.

Verbal reasoning test

Link to test

[Big 5 (my-personality-test.com)](https://my-personality-test.com/big-5)

Results: -

**Openness to Experience – Medium Characteristics**

You have a medium level of openness to experience. At times, you can be very creative, curious, and adventurous. At other times, you prefer routine. You are able to find a great balance between ideas and practicality.

You typically are a good problem-solver. When you are faced with a problem, you consider the tried-and true methods, but are also able to think outside the box. You are able to handle whatever life throws at you.

People who are moderate in openness to experience are well-suited for careers that balance creativity with stability – for example, journalism, photography, graphic design, or research.

**Extraversion – Low Characteristics**

You are an introvert. While you enjoy spending time with others, you truly get your energy by spending time by yourself. Spending too much time around others leaves you feeling tired and drained. Others describe you as thoughtful and quiet. Being the center of attention usually makes you feel uncomfortable.

You may not be a social butterfly, but you do an amazing job building relationships with others. You find that you typically have a few friends whom you are very close with, rather than many acquaintances. The relationships you have with others are usually very long-lasting.

Others would describe you as very detail-oriented. You listen more than you speak, and are thoughtful about whatever you say. In stressful situations, you always seem calm and level-headed.

Introverts do best in jobs that allow them to spend most of the day alone. If put into a job that requires too much time spent with others, introverts leave work feeling completely exhausted. The best jobs for introverts include those involving art, technology, or science – such as a photographer, lab worker, or computer programmer.

**Neuroticism – Medium Characteristics**

You are moderately neurotic – at times, you can be anxious or emotional, while at other times, you are relaxed and calm. Your mood may fluctuate slightly, depending on the day.

You describe yourself as a realist. You don’t tend to be overly optimistic or overly pessimistic, and are able to view problems clearly and realistically, considering many factors.

Your neurotic traits – such as worrying about how you are perceived by others – make you successful in your career. Coupled with your ability to remain level-headed, you have a great balance of traits to be a natural leader. You try to do your best at everything, even if there doesn’t seem to be anything in it for you. People who are moderate in neuroticism make great employees and supervisors.

People who are moderately neurotic typically do well in helping careers, such as counselling or public service.

**What do the results of these tests mean for you?**

I am extraverted but I also can be introverted and listen to people when and where needed. I am willing to follow people more, but I can show leadership when I need to. I enjoy practical learning and hands on learning. I enjoy learning in groups. I am also a visual learner not so much textbook based learner.

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

These results can influence behaviour in a team by allowing me to know my strengths and weaknesses when working in a team. It allows me to know what tasks I would be best at completing and what role I would fit into within the team. I learn best by experiencing them.

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

These results are only a guide not gospel, but they should be noted down and realised when forming a team as I would perform best by not being a leader, a follower would suit me best. I am happy to follow direction and then be delegated a task, I will then complete it.

Project Idea

Overview

My project idea is the production of an app on a mobile device that enables the user, by the touch of a button on their mobile device to let a bus driver know when you would like to get off the bus. This app will be user friendly, the app will help with the communication barrier between passenger and driver and also will help eliminate disease by only the user pressing their phone {and not a button that many people have touched throughout the day on the bus}.

Motivation

My motivation for the project is that as a young adult I utilised the public transport in Sydney daily, I remember thinking when I was on the transport. I wonder how many people have touched the buttons or pulled the cord when to get off the bus each day. I wonder how much disease and germs were on these buttons? This project interested me as statistics show that were published by Granwal on 8th October 2020, that there are around 18.6 million smartphone users in Australia. This figure is set to grow to 21.5 million in 2025. This figure is mind blowing. I think there is potentially a huge market right across Australia for an app as mentioned above. Using raspberry Pi technology will be cheap and easily accessible and using assembled technology alongside my app and will potentially solve the solution of how the individual mobile device will link to each bus and not interfere with other mobile devices and users on the bus at the time.

Description

The features of my app will by unique in that the user will utilise app individually on each mobile device simultaneously whilst the bus is in motion. There will be a led on the bus that lights up which is connected to the internet, bus permitting with Wi-Fi? Each led will be registered to a bus number on a database. When the user opens the app they enter the bus number, then when it is time to get off the bus they press the button on their mobile device, that light turns on indicating to the driver that they need to stop. My app will be simply called NEXT STOP.

Tools and technologies

A mobile device will be crucial to the execution of this app, it will be user friendly and be available for download on android or apple devices.

The app will involve connecting a led to the internet. Registering each light with a bus number in a database. When the user opens the app, they enter the bus number and when the press the button on their mobile device the light turns on letting the driver know you would like to get off the bus. The internet connected light will require a sim card to ensure mobile internet connection is maintained. Buses now use Wi-Fi, but I will have to check this technology on buses.

I will use Kotlin for android as it seems to be more user friendly than Java for android. There is also the possibility of installing raspberry pi’s, this will help the light turn on when the passenger would like to get off the bus. Raspberry Pi’s are small credit card computers that will help in the control of the app and turn the light on the bus when needed.

Skills required

Skills required are humans to be proactive and use the app instead of the buttons that are built into the bus structure. The app software will need to be written, I was thinking of using Kotlin for android and not Java, Kotlin is user friendly, fast, and easy to use. Special hardware that will need to be utilised would be led light, a raspberry pi and a sim card to ensure mobile device internet connection. Once the app is made, the rest of the project should be relatively easy, but I think the hardest part might be knowing how to connect the led to the bus and the database and getting the mobile phone to work with the led.

Outcome

If my project is successful, the outcome will talk to the state transport companies and discuss the potential of installing my project in a couple of busses (and trains) to see how app will work in real time. Of course, like any project, I will encounter problems and hopefully find solutions to the problems. The impact of the development of my app is that it will stop or slow down the spread of disease on those buttons that everyone presses on public transport. I thought of the idea because we are all in this uncertain covid riddled world that we can not escape. A world in which we can only live in and accept change daily.