

Student Name	Peter	Laura	Alicia	Sabina	Scott	Symeon
Job Title	Cyber Security Network Specialist	Game Programmer	Learning Technologist	Compliance Solution Consultant and Implementer	Supply Chain Manager	ICT Support Technician
Skills Needed	<ul style="list-style-type: none"> • Cisco Technologies, Cisco Routing, • Strong verbal and written skills and being able to clearly communicate advanced security concepts to a diverse and broad audience. • Secure understanding of working in Windows and Linux client-server systems environments and Engineering change of management procedures. 	<ul style="list-style-type: none"> • Minimum 5 years' experience with C#, Unity and Unreal Engine • Strong understanding of C++, APIs, servers, console programs, PowerShell/batch scripts • Experience in VR development with common gameplay features (E.g physics, animation, user interfaces, etc) • Experience with a variety of software development tools and practices such as unit testing, build automation, dependency injection, data-driven development, etc. • Experience working in teams with version control systems such as Git, 	<ul style="list-style-type: none"> • Knowledge, experience and competency in a range of technologies (specific to the role environment – CNC machinery, micro controllers, design and imaging applications, AV creation tools, 3D and VR, social media and coding in industry or education context). • Ability to lead, and deliver learning programs (teach) • Ability to work closely to develop partnerships (working collaboratively) 	<ul style="list-style-type: none"> • Programming knowledge, preferably in Java. • Database analytical skills using SQL. • Analytical Thinking. • Great Customer Service. • Stakeholder management. • Communication skills. • Critical Thinking. • Strong computer knowledge – Microsoft Office • Reporting and organisational skills 	<ul style="list-style-type: none"> • Strong analytical skills • People management • Excellent communication skills • Advanced knowledge of Ms Office especially Excel • Knowledge of cost and revenue drivers 	<ul style="list-style-type: none"> • Communication skills to novice and high-end users • Clear and understandable organisational skills • Problem solving • Troubleshooting • Microsoft Windows • Building relationships • Strong customer service skills

		Mercurial or Perforce.				
Qualifications	<ul style="list-style-type: none"> A bachelor's degree in computer science. Various industry certifications such as CCNA (Cisco Certified Network Associate) or CCNP (Cisco Certified Network Professional) or CCIE (Cisco Certified Internetwork Expert). ITIL Framework 	<ul style="list-style-type: none"> No formal training or qualifications are needed, however a degree in Computer Science or Software Engineering would be desirable. 	<ul style="list-style-type: none"> A degree or post graduate degree or equivalent qualification in education and relevant qualifications or workplace experience in a technology enabled field. Registered VIT qualification or the ability to undertake registration is required. 	<ul style="list-style-type: none"> Tertiary qualifications in Financial, business or law disciplines highly regarded. Experience with regulatory practices within financial services - industry including FATCA, AML, AUSTRAC Knowledge in areas of Financial Crimes and /or AML Compliance. 	<ul style="list-style-type: none"> Bachelor's degree in business Majoring in Logistics & Supply chain 5 + Years' experience in a similar role within Logistics & Supply chain 	<ul style="list-style-type: none"> Bachelor of Information and Communication Technology Entry level help desk/support for two years to gain experience and skills Windows Server 2016 Certification CompTIA A+ program
Job demand and growth	<ul style="list-style-type: none"> Job growth over the next 5 years is predicted to be +26.2% (Department of Employment, Skills, Small and Family Business Projections, 2020) 1,720 Jobs are available on the seek website right now. Also a specialist role in a specialist field 	<ul style="list-style-type: none"> 9.2% projected job growth in 5 years (according in Seek.com.au) The Australian game development industry generated approx. \$143.5 million within the 2018-2019 financial year, an increase of 21% since the prior financial year. Programmers made up 34% of employed full-timers. 	<ul style="list-style-type: none"> Learning technologists are people actively involved in managing, researching, supporting, or enabling learning with the use of learning technology. Learning technology is the broad range of communication, information and related technologies that can be used to support learning, teaching and assessment. 	<ul style="list-style-type: none"> With the introduction of AML laws in 2018 in Australia, financial intelligence agencies and reporting requirements have become crucial part of all businesses. The expansion of regulation has increased the demand for compliance expertise to prevent crimes. Financial Crime such as tax evasion, 	<ul style="list-style-type: none"> There is an overwhelming demand currently for these roles after COVID-19 due to business identifying major gaps within their supply chains. It is predicted to grow 20% in the next 5 years from market data. 	<ul style="list-style-type: none"> Strong future growth with the importance of IT support growing each year. Always a demand for ICT support technicians as more companies and businesses switch over to IT 65,300 ICT workers in 2019, projected to be 74,400 by 2024

		<ul style="list-style-type: none"> The majority of the revenue generated by Australian studios come from overseas sources (83%), with a focus on Asian markets (37% in 2017, with an increase to 65% in 2018) (Source: https://igea.net/2019/11/australian-video-game-development-industry-contributes-to-exports-and-job-opportunities/) 	<ul style="list-style-type: none"> With the continual advances and developments in technology, and the increase in online learning, the role of a Learning Technologist would be a job in demand and growth in certain environments and fields e.g., educational institutions and tertiary learning environments, not every workplace would require such a role. Essentially a specialist role in a specialist field 	online theft of personal identifying information, money laundering is on rise. Complexity of emerging financial crime issues will require multi-agency cooperation to better understand the nature of crime and develop mitigation strategies.		
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What common elements are there, if any?

All the members in our team have selected ideal jobs that require common skills. Some of these include strong written and verbal communication, and an in-depth understanding of Microsoft Windows and the Microsoft Office suite. All the selected jobs also are projected to increase anywhere from 9.2% up to 26.2%, in the next 5 years, showing that the field of IT is growing as more and more employers are looking to hire qualified workers.

What differentiates each position from the others, if anything?

Each of our ideal jobs specialise into different aspects of IT. For example, Peter is aiming to be a cybersecurity network specialist, while Laura is aiming to be a games programmer. Both jobs are in high demand and require different skills and qualifications to be able to acquire the job position. Laura will need skills such as C#, unreal engine and experience with VR development tools, which are different to the skills needed by Peter, which include Cisco Routing, Cisco Technologies and an understanding of Linux client-server systems.

How similar or different are your career plans across the group?

Our group specialise in a wide variety of fields within IT. We have a cybersecurity network specialist, a learning technologist, game programmer, ICT support specialist, supply chain manager, and a compliance solution consultant and implementer. Each of us will be branching into different aspects of IT, however, many of the skills listed are universal and implemented by all jobs within IT.

