



# CREATORS, INVESTIGATORS, AND DISRUPTERS.

Are you a people person who loves sharing and communicating technical ideas with others, in a way that everyone can make sense of and get on board with? Or are you more of a desk-based tech innovator who's totally absorbed in your code? Whichever applies, you love learning, upskilling and processing information and thrive on creative problem-solving.



## LOVE

- Solving problems
- Communicating ideas
- Coding and creating
- Building and disrupting
- Making tech accessible to all
- Learning and upskilling



## STRENGTHS

- Keen to learn new things
- Analytical mind
- Making technical info easier for others to understand



## PREFER

- A fast-paced environment and the challenge of time-sensitive projects



## DEAL BREAKERS

- A dead-end job where every day is the same

## WHERE COULD YOUR ANALYTICAL MIND TAKE YOU?

Over half of people in IT work in other industries, so you could find yourself in almost any sector you can think of, from banking to aeronautics. On the other hand, if you choose to focus and specialise in cyber security, programming, data science or networking, you're most likely to be working directly in IT from almost any location. You might live down south and have a job in Perth, NSW, Canada, or Tokyo!

- Software, web and app development organisations
- Every sector from gaming to banking, healthcare to aeronautics
- Big multi-national companies to small-medium businesses
- Non-profit organisations and charities
- Local, state or federal government



## BE THE GO-TO PROBLEM SOLVER.

### IT SUPPORT

- Investigating and solving technical issues for the organisation and its employees
- Installing, configuring, and maintaining computer hardware and software

## TEST SYSTEMS, CRACK CODES AND CATCH CULPRITS.

### CYBER SECURITY SPECIALIST

- Using your understanding of technology and human behaviour to search for security breaches in computer hardware and software

### SYSTEMS TESTING SPECIALIST

- Preventing cyber-attacks by constantly testing and challenging computer systems and networks

## ANALYSE AND IMPROVE SYSTEMS.

### CLOUD COMPUTING SPECIALIST

- Helping organisations move their information online
- Analysing business needs and identifying the best technology solution for the organization

### NETWORKING SPECIALIST

- Building perfect systems of digital and physical computer networks for companies or clients
- Analysing and improving the performance of computer networks

### SYSTEMS ANALYST

- Designing and applying computer software, hardware, or services to solve business problems

### CHIEF INFORMATION OFFICER

- Making the higher-level strategic business decisions to improve information technology systems, software, services, products and processes

## FIND RELEVANT MEANING AND VALUABLE INSIGHTS

### DATA AND DATABASES

- Finding meaning in an ocean of information as a data analyst
- Building systems and networks for data storage, processing and analysis as a data engineer
- Ensuring data is safe, organised and maintained as a database administrator

## DESIGN, DISRUPT AND DEBUG

### PROGRAMMER OR DEVELOPER

- Writing and testing the code that builds apps, websites, games and software and keeps them working smoothly – extends to artificial intelligence, machine learning and robotics.

### USER EXPERIENCE (UX) DESIGNER

- Making apps, websites, software and machines easy and enjoyable for everyone to use.



## WHERE TO FROM HERE? EXPLORE YOUR PATHWAYS.

### VOCATIONAL TRAINING FOR ENTRY-LEVEL ROLES

- Certificate II in Applied Digital Technologies (Code: ICT20120)
- Certificate III in Information Technology (Code: ICT30120)
- Certificate IV in Information Technology (Code: ICT40120)
- Diploma of Information Technology (Code: ICT50220)
- Advanced Diploma of Information Technology (Code: ICT60220)

### TRAINEESHIPS

Giving you the opportunity to combine practical experience at work with structured training, you enter a formal training contract with an employer that leads to a nationally recognised qualification. And you spend most of your time in paid employment.

- Information Technology (Level 2): Certificate II in Applied Digital Technologies (Code: ICT20120)
- Information Technology (Level 3): Certificate III in Information Technology (Code: ICT30120)
- Information Technology (Level 4): Certificate IV in Information Technology (Code: ICT40120)
- Information Technology (Level 5): Diploma of Information Technology (Code: ICT50220)
- Information Technology (Level 6): Advanced Diploma of Information Technology (Code: ICT60220)
- Cyber Security (Level 4): Certificate IV in Cyber Security (Code: 22334VIC)

### UNIVERSITY COURSES

- Bachelor of Computer Science, UWA, ECU and Murdoch University
- Bachelor of Information Technology, ECU
- Bachelor of Science (Cyber Security OR Cybercrime, Security and Intelligence), UWA
- Bachelor of Cybersecurity OR International Cybersecurity, UWA
- Bachelor of Cybersecurity & Forensics, Murdoch
- Bachelor of Computing and Security Honours, ECU
- Bachelor of Engineering (Computer Systems), ECU
- Bachelor of Data Science OR Computing and Data Science, UWA
- Bachelor of Artificial Intelligence, UWA
- Bachelor of Artificial Intelligence and Autonomous Systems, Murdoch University
- Bachelor of Data Analytics, Murdoch University
- Bachelor of Internetworking and Network Security
- Bachelor of Games Technology, Murdoch University
- Master of Computing and Security by Research, ECU
- Master of Cyber Security, ECU
- Master of Computer Science, ECU

**WANT TO EXPLORE MORE?  
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**FutureNow.**