

Technology Career Map *for Students*



Leverage AI to research, design and create appealing, useful and ethical digital content



Harness machine learning to create ever improving technical solutions.



Integrate Automation into the Design and Development of Software and Hardware Products



Use Emerging Technologies to Analyse and Interpret Data to Create Sustainable Solutions



Science & Design

Brands Active in this Quadrant



Technology Services

Brands Active in this Quadrant



Engineer Products

Brands Active in this Quadrant



Math & Data

Brands Active in this Quadrant



COMMUNICATIONS

Fields of Study - TAFE or University

- Marketing
- Psychology / Human Behaviour
- Ethics

Careers in Marketing and Human Behaviour

- Generative AI Specialist
- Content Creator / Influencer
- Content Authenticator / Moderator



NETWORKS

Fields of Study - TAFE or University

- Telecommunications Networks
- Grids / Databases
- Energy Production and Distribution

Careers in IT Infrastructure

- Network Technician
- Systems Architect
- Cloud and Storage Engineer



ENGINEERING

Fields of Study - TAFE or University

- Civil Engineering / Mechatronics
- Robotics / Automation
- Electrical / Electronic Engineering

Careers in Engineering

- Infrastructure Manager
- Product Manager
- Robotic Engineer



INFORMATION SYSTEMS

Fields of Study - Vendors, TAFE, University

- Vendor Certifications
- Project Management
- Business Information Systems

Careers in Digital Ecosystems

- Product /Project Manager
- Systems Integrator
- Strategy Consultant



CYBER SECURITY

Fields of Study - TAFE or University

- Data Analysis and Security
- Policy / Quality Assurance
- Accounting/Auditing/Actuary

Careers in Data Security

- Ethical Hacker
- Security Auditor and Data Recovery
- Digital Forensics Investigator



AUTOMATION

Fields of Study - TAFE or University

- Quantum Computing
- Computer Science
- Policy Documentation/Law

Careers in Emerging Technologies

- Process Improvement Manager
- Automation Engineer
- Bio-ethicist



WEB 3.0

Fields of Study - TAFE or University

- Cryptography / Tokenisation
- Mathematics & Statistics
- Pure Science

Careers in Cryptography / Web 3.0

- Blockchain Developer
- Futurist / Researcher
- Business Analyst



APPLIED TECHNOLOGY

Fields of Study - TAFE or University

- Information Technology (IT)
- Computer Science
- Information Systems

Careers in IT Operations

- IT Systems Manager
- DevOps Manager
- Technology Educator



SOFTWARE DEVELOPMENT

Fields of Study - TAFE or University

- Programming
- Information Technology
- Software Development

Careers in Software

- Programmer / Coder
- Release Usage Manager
- Software Engineer



INDUSTRY TRANSFORMATION

Fields of Study - TAFE or University

- Digital Finance and Asset Mgmt
- Biology / Health
- Government / Not For Profit

Careers - Digital Transformation of Industry

- Entrepreneur
- Chief Information Officer (CIO)
- Chief Technology Officer (CTO)