Science & Design

Blend your research and design skills to create interactive and appealing digital content

Brands Active in this Quadrant

ANIMALLOGIC

Social Mkting

COMMUNICATIONS

Fields of Study - TAFE or University
- Marketing
- Journalism
- Digital Design
- Ethics

Careers
- SEO Specialist
- Editor/ Publisher
- Digital Marketing Specialist
- Content Moderator

Entertainment

DIGITAL CONTENT

Fields of Study - TAFE or University
- Games Development
- Software Engineering
- Communications / Acting
- Project Management

Careers
- Games Designer
- Simulation Engineer
- Content Creator / Influencer
- Producer / Director

User Design

USER EXPERIENCE

Fields of Study - TAFE or University
- Graphic Design
- Psychology / Human Behaviour
- Art
- Business

Careers
- Graphic Designer
- User Interface Designer (UI/UX)
- Animator
- e-Commerce

The **STEM Career Wheel** is the Compass for Your Career Journey

Science, Technology, Engineering, Mathematics

Online Career Wheel

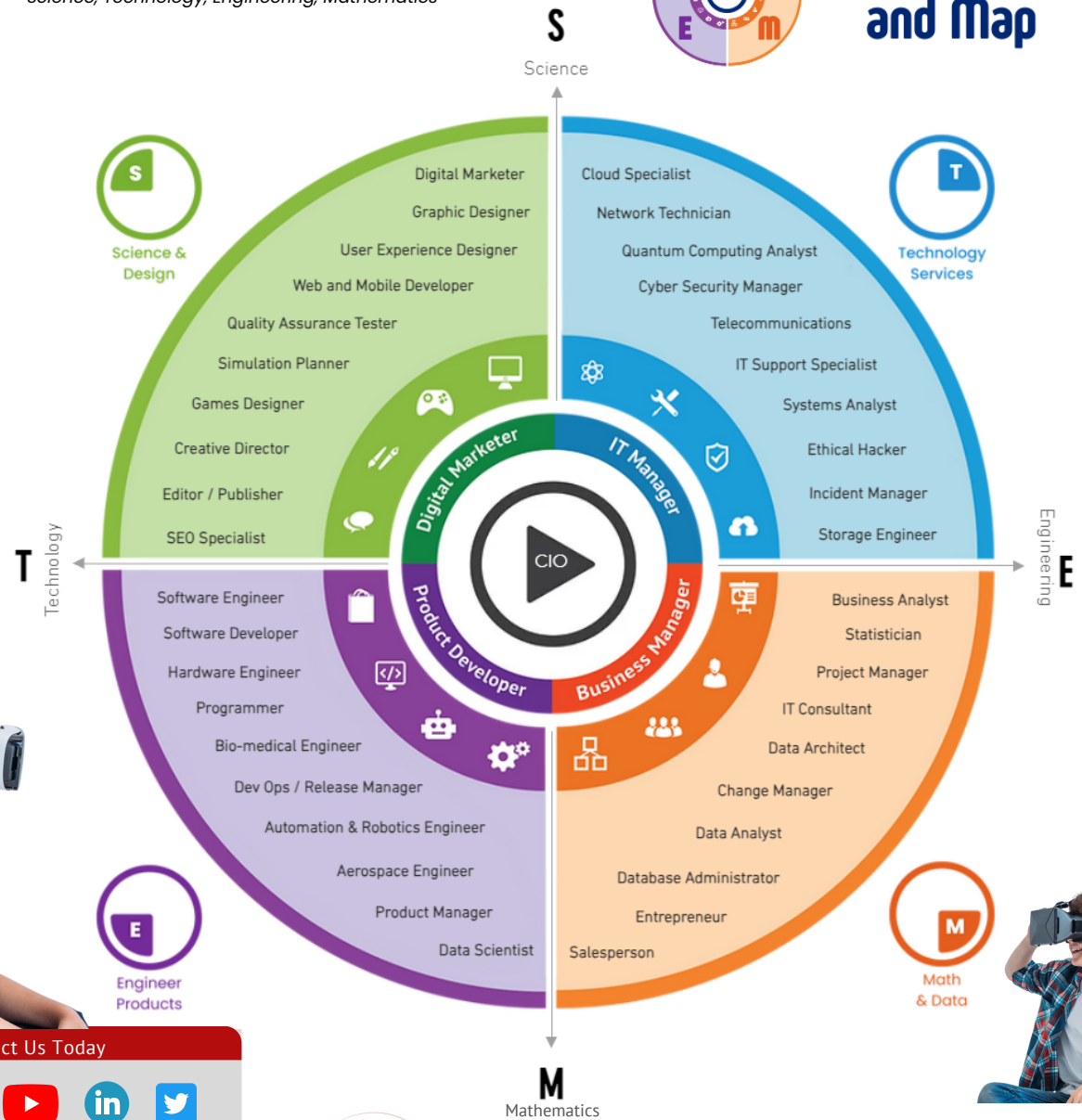The ACS Foundation Presents the...

Career Wheel and Map

S — Science

Science & Design
- Digital Marketer
- Graphic Designer
- User Experience Designer
- Web and Mobile Developer
- Quality Assurance Tester
- Simulation Planner
- Games Designer
- Creative Director
- Editor / Publisher
- SEO Specialist

Technology Services — T
- Cloud Specialist
- Network Technician
- Quantum Computing Analyst
- Cyber Security Manager
- Telecommunications
- IT Support Specialist
- Systems Analyst
- Ethical Hacker
- Incident Manager
- Storage Engineer

Center: Digital Marketer / IT Manager / Product Developer / Business Manager / CIO

Engineer Products — E
- Software Engineer
- Software Developer
- Hardware Engineer
- Programmer
- Bio-medical Engineer
- Dev Ops / Release Manager
- Automation & Robotics Engineer
- Aerospace Engineer
- Product Manager
- Data Scientist

Math & Data — M
- Business Analyst
- Statistician
- Project Manager
- IT Consultant
- Data Architect
- Change Manager
- Data Analyst
- Database Administrator
- Entrepreneur
- Salesperson

T — Technology
E — Engineering
M — Mathematics

ACS FOUNDATION Presents

STEM | Career Wheel

www.**careerwheel**.com.au

Technology Services
Provide Custom Technical Services and Advice for clients

Brands Active in this Quadrant
Australian Government · wipro · Telstra · Microsoft · aws

NETWORKS
Fields of Study - TAFE or University
- Telecommunications
- Networking / Grids
- Internet of Things
- Renewable Energy

Careers
- Technician
- Network Architect
- Cloud Specialist
- Storage & Capacity Engineer

Networking

CYBER SECURITY
Fields of Study - TAFE or University
- Programming
- Policy / Policing
- Quality Assurance
- Accounting/Auditing

Careers
- Ethical Hacker
- Incident Manager
- Security Auditor
- Digital Forensics Investigator

Security

APPLIED TECHNOLOGY
Fields of Study - TAFE or University
- Information Technology (IT)
- Systems Development
- Computer Science
- Information Systems

Careers
- IT Support (Help Desk)
- DevOps Manager
- Process Engineer
- Systems Performance Analyst

Systems

Engineer Products
Design and Develop Software and Hardware Products

Brands Active in this Quadrant
Apple · TESLA · ATLASSIAN · Google · OpenAI

ENGINEERING
Fields of Study - TAFE or University
- Civil Engineering
- Mechatronics
- Electrical / Electronic Engineering
- Aviation

Careers
- Infrastructure Manager
- Hardware Developer
- Product Manager
- Aerospace Engineer

Hardware

AI & MACHINE LEARNING
Fields of Study - TAFE or University
- Quantum Computing
- Robotics
- Computer Science
- Law

Careers
- Actuary
- Automation Engineer
- Researcher
- Bio-ethicist

Robotics & Automation

SOFTWARE DEVELOPMENT
Fields of Study - TAFE or University
- Programming
- Information Technology
- Software Development
- Software Engineering

Careers
- Programmer / Coder
- Release Manager
- Software Developer
- Software Engineer

Software

Math & Data
Analyse and Interpret Data to Create Sustainable Solutions

Brands Active in this Quadrant
D. · IBM · wisetech global · CSIRO · Bitcoin

INFORMATION SYSTEMS
Fields of Study - Vendors, TAFE, University
- Vendor Certifications
- Project Management
- Business Information Systems
- Business Management

Careers
- Product Manager
- Project Manager
- Systems Integrator
- Strategy Consultant

Smart Grids

DATA ANALYSIS
Fields of Study - TAFE or University
- Data Science
- Records Management
- Mathematics & Statistics
- Pure Science

Careers
- Business Analyst
- Database Administrator
- Sales
- Researcher

Analytics

INDUSTRY TRANSFORMATION
Fields of Study - TAFE or University
- Finance / Blockchain
- Biology / Health
- Government / Not For Profit
- Transportation

Careers - STEM in industry
- Entrepreneur
- IT Specialist / Policy Manager
- Chief Information Officer (CIO)
- Chief Technology Officer (CTO)