Computer Science

Key transferable skills

Skills you will obtain in this degree that are transferable across many career options.

WORK WITH DIGITAL TECHNOLOGY

PRESENTATION SKILLS

IDENTIFY SOLUTIONS

COMMUNICATION

PROFESSIONAL ETHICS

LINK THEORY AND PRACTICE

Computer scientists are in high demand. Learn programming, mobile app development, algorithms and data structures, web development, artificial intelligence and programming languages. Develop your understanding of software analysis, databases, computer architecture and computer networks.

Career pathways

Graduates will be well placed to find employment in a range of roles directly or after further study. Common roles include:

- Systems analyst
- Analyst programmer
- Developer programmer
- Coder
- Software engineer
- Database engineer
- Security and network expert
- Hardware engineer
- Information technology consultant
- Web administrator
- Information systems administrator
- Secondary or tertiary educator

Discipline specific/technical skills

Technical skills that you will develop as part of your course.

- Analyse problems using computer science knowledge
- Advanced technical and communication skills
- Insights into issues facing computing professionals
- Design and conduct computer science research investigations
- Accountability and autonomy for lifelong learning
- Report writing and presentation techniques
- Fluency in programming language

Major employers

Graduates have found jobs in a range of organisations including:

- Telstra
- Qantas
- Oracle Australia
- Ericson Australia
- Oakton Consulting Technology
- Nike
- Fujitsu
- Thomson Reuters
- Corporate ICT departments
- Software and web design companies
- Not for profit organisations (e.g. UNICEF)
- Government departments and agencies

Source: LinkedIn Live Alumni, Burning Glass Technologies

Boost your employability

BROADEN YOUR SKILLS

CONNECT WITH INDUSTRY

MANAGE YOUR CAREER

GAIN EXPERIENCE