

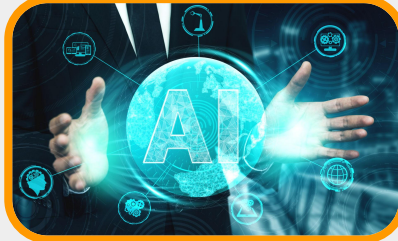
Careers in Computing

Software Developer



People who design programs and apps for websites, games or work for companies such as Google developing software. They will write code, test de-bug and improve software performance

Data Science and Artificial Intelligence



A rapidly growing area of Computer Science. Typical jobs involve analysing large datasets and building systems that recognise patterns or make predictions.

Cybersecurity



These jobs involve protecting people and computer systems from hackers and cyber-attacks. Many work for governments, banks, or large organisations like the National Cyber Security Centre.

Systems and Networks



These roles ensure that the infrastructure of computing systems work properly. They build and maintain networks as well as manage servers and cloud platforms.

Human-Computer Interaction



These roles focus on how people interact with technologies. They make sure software is easy and pleasant to use. They might work with the user interface (UI) or the user experience (UX)

Education



Computer scientists can go on to share their knowledge with the next generation by becoming teachers or university lecturers. Other roles might be in developing software to help children learn.

Academic Research



Some computer scientists work in universities or research labs to study and develop new ideas in fields such as quantum computing, bioinformatics or computer vision.

Robotics and Embedded Systems



These roles design and develop computers that are inside machines such as drones, medical devices and robots.