

SUBJECT OF THE TERM: COMPUTER SCIENCE



How can studying computer science boost your career?

1. In demand skills

Computer skills are highly sought after in every industry.

2. Versatility matters

Computer science covers a versatile skill set that applies to creating apps, analysing data, and working with various technologies.

3. Master problem solving

Computer science teaches you how to think critically and solve real-world problems.

4. Entrepreneurial edge

Computer skills allow you to turn your ideas into reality. Many successful startups were founded by individuals who understood technology.

5. Stay updated and keep learning

Computer science keeps you on your toes, learning new things all the time. You learn to be adaptable and stay ahead of the game.

Careers in computer science



GAMES DEVELOPER

Create video games for phones, tablets, PCs and consoles.

£25,000 - £70,000



SYSTEMS ANALYST

Look at a company's IT structure to work out how to improve it.

£28,000 - £62,000



USER EXPERIENCE (UX) DESIGNER

Use Research to understand their users and create websites, applications and software to meet their needs

£25,000 - £50,000



WEB DESIGNER

Use their creative and technical skills to design new websites and redesign existing ones.

£18,000 - £40,000



BUSINESS ANALYST

Investigate situations and problems to find improvements for businesses.

£23,000 - £55,000



NETWORK ENGINEER

Design, set up and maintain physical and virtual IT communications systems for organisations.

£25,000 - £52,000

Qualifications in Computer science

APPRENTICESHIPS

- Applications Support Lead
- Intelligence analyst
- Artificial Intelligence Data Specialist
- Creative Digital Design Professional
- Cyber Security Technical Professional
- Cyber Security Technician
- Data Scientist
- DevOps Engineer
- Digital and Technology Solution

FURTHER EDUCATION

- A Level - Information Technology (IT)
- A Level - Computer Science
- A Level - Maths
- T Level - Digital Business Services
- T Level - Digital Production, Design and Development
- T Level - Digital Support Services
- BTEC - Digital Development
- BTEC - Digital Marketing
- BTEC - Games Development
- BTEC - E-Sports

HIGHER EDUCATION

- HNC / HND in Computer Science
- HNC / HND in Computing
- HNC / HND in Data Analyst
- HNC / HND in Digital Technologies
- BEng (Hons) in Software Engineering
- BEng (Hons) in Computer Systems Engineering
- BA (Hons) in Computer Games Design
- BSc (Hons) in Creative Computing
- BSc (Hons) in Business Computing

Top tips

- Keep up to date with the latest tech developments - look at BBC Technology for the latest news
- Keep learning new skills like Java, PHP, SQL and Javascript
- Look at different job adverts for ICT roles to get an idea of the qualifications, skills and experience needed