Careers Service | UNIVERSITY OF BATH

Computer Science

Graduate Outcomes 2018/19

Full-time UK domiciled first degree graduates - 15 months after Bath

The University of Bath has an excellent record of graduate employment, and often features near the top in league tables. Across all subjects, 89% of Bath 2018/19 graduates who are employed in the UK are in high skilled employment, compared to 72% nationally. Hundreds of employers of all sizes and from all industries each year advertise vacancies, deliver presentations or network with our students; we are in the top 15 universities targeted by employers*.

The information shown here is from the Higher Education Statistics Agency (HESA) Graduate Outcomes survey 2018/19. It is the biggest UK annual social survey and captures the perspectives and current status of recent graduates, 15 months after leaving university.

A computer science degree is intellectually challenging, underpinning core technologies of the 21st century and is a route into many different career paths. You will develop subject-specific knowledge of programming, AI, software design, graphics, and vision during your degree. Alongside this, you will develop highly sought-after transferable skills such as high levels of computer literacy, the ability to analyse and interpret data as well as problem-solving. The combination of technical and transferable skills means that you will be ready for employment immediately after graduation. You will have the scope to work in software development roles in high-tech firms and corporate organisations in industries, such as banking, insurance and FMCG and public sector institutions. Some students go on to set up their own business ventures.

Courses included:

- Computer Science BSc/MComp
- Computer Science and Mathematics BSc/MComp

Response rate	
Total in 2018/19 cohort	75[#]
% response rate	**64%**

[#]Number rounded to the nearest multiple of five

Graduate outcomes by activity

Activity summary	
Employment	77%
Voluntary / unpaid work	-
Employment & further study	2%
Further study	9%
Other: travel, caring, retired	-
Unemployed[$]	13%
Total	**100%**

Note: Percentages may not total 100% due to rounding. Activity defined using HESA XACTIVITY: takes account of all activities and most important activity.

[$]Unemployed includes those due to start work or study

*The Graduate Market in 2022, High Fliers Research.

Industries and employers

Modern life depends on computer and information systems, from traffic lights to hospitals to supermarkets, with growing job prospects for computer science graduates. You will be able to work in all major industries with demand for graduates in mobile technologies, health care, cybersecurity, and finance. Computer science graduates pursue diverse and rewarding careers, with excellent development opportunities commanding high-end salaries.

The most frequent of the industry categories are:

- Financial and insurance activities
- Information and communication
- Manufacturing
- Professional, scientific and technical activities

Examples of employers for the 2018/19 cohort:

- Cisco
- Google
- J.P. Morgan
- Office for National Statistics
- UK Atomic Energy Authority

Occupations and job titles

The highly specialised nature of technology and how it is deployed in different industries has led to a wide range of specialisations and job roles for computer scientists. You have the scope to pursue a highly technical position, such as working as a system architect designing systems and software to programming and maintaining code. There are opportunities in consulting where you will identify the needs of software users or lead and manage multi-disciplinary system development teams. In the UK, 70% of graduate vacancies do not ask for a specific degree; therefore, as a computer science graduate, you will also find opportunities in business roles across a wide range of sectors.

The vast majority of our UK employed Computer Science graduates are in high skilled employment. High skilled employment includes these three categories:

- Managers, directors and senior officials
- Professional occupations
- Associate professional and technical occupations

Examples of job titles for the 2018/19 cohort:

- Chief Technology Officer
- Data Scientist
- Software Developer
- Technical Analyst

Further Study

Some Computer Science graduates undertake PhDs to develop expertise in emerging fields such as AI or Machine learning. Other graduates pursue vocational careers by undertaking a PGCE teaching qualification or a specialist master's degree in areas such as Bioinformatics or Cyber Security in Finance.

More information

Find out what Bath graduates from other courses do: go.bath.ac.uk/graduate-outcomes

More information is available about how the Careers Service supports current and prospective students, as well as graduates from Bath: bath.ac.uk/careers

Source: HESA Graduate Outcomes Survey for 2018/19 leavers relating to full-time UK domiciled first-degree University of Bath graduates, 15 months after leaving university.