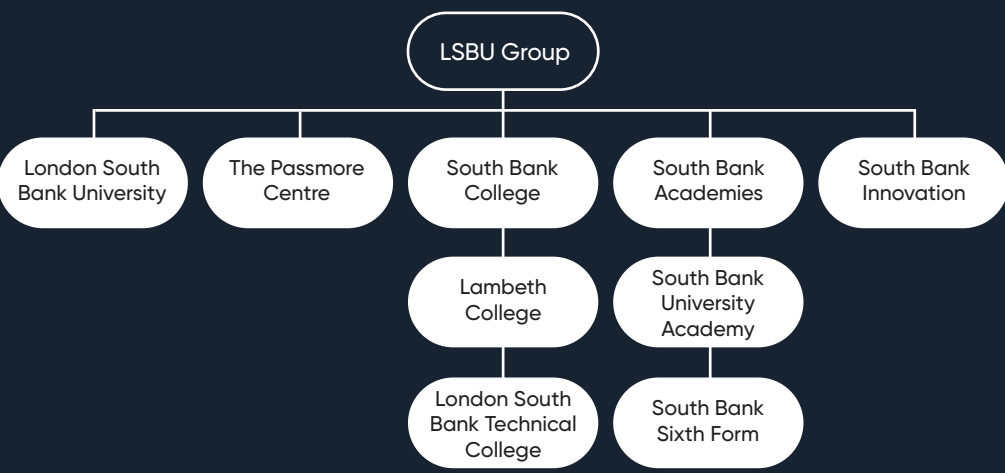


**Fit for the future, ready for the real world.**  
Our goal is to help you succeed, no matter what your age, background, or educational experience. We provide career-focussed pathways across all levels, from Entry to Level 8, providing high-quality education and sector specific learning to prepare you for your life beyond education and qualifications.



Joining LSBU Group gives our students unrivalled access to educational opportunities, advice and guidance as well as sought-after apprenticeships and work placements. Our students are guaranteed progression to both LSBTC and LSBU\*.

Whether your next destination is within LSBU Group or elsewhere, we are one of a handful of providers who offer students the opportunity to progress to one of our new Level 4 one-year courses. Successful completion of this enables our students to fast-track to year 2 of an LSBU degree, saving money as well as providing a standalone qualification that employers recognise should you decide to leave your studies there.

\*after successful completion of a Group qualification that has a progression route

Part of **LSBU | GROUP**



**Further information about careers in Information Technology can be found here:**

- [www.careerpilot.org.uk](http://www.careerpilot.org.uk)
- [www.startprofile.com](http://www.startprofile.com)
- [www.prospects.ac.uk](http://www.prospects.ac.uk)
- <https://nationalcareers.service.gov.uk>
- <https://www.bcs.org/>



Places on Information Technology courses, at all levels, are highly sought-after every year. If you believe this is the career pathway for you, but you lack hands-on experience, then we advise you to seek a voluntary placement prior to applying.

**The following websites are a great place to start:**

- [www.apprenticeships.gov.uk/apprentice/find-an-apprenticeship](http://www.apprenticeships.gov.uk/apprentice/find-an-apprenticeship)
- [www.tpdegrees.com/careers/quiz](http://www.tpdegrees.com/careers/quiz)
- [www.targetjobs.co.uk/career-sectors/it-and-technology](http://www.targetjobs.co.uk/career-sectors/it-and-technology)
- [www.tpdegrees.com/careers](http://www.tpdegrees.com/careers)
- [www.prospects.ac.uk/jobs-and-work-experience/job-sectors/information-technology](http://www.prospects.ac.uk/jobs-and-work-experience/job-sectors/information-technology)

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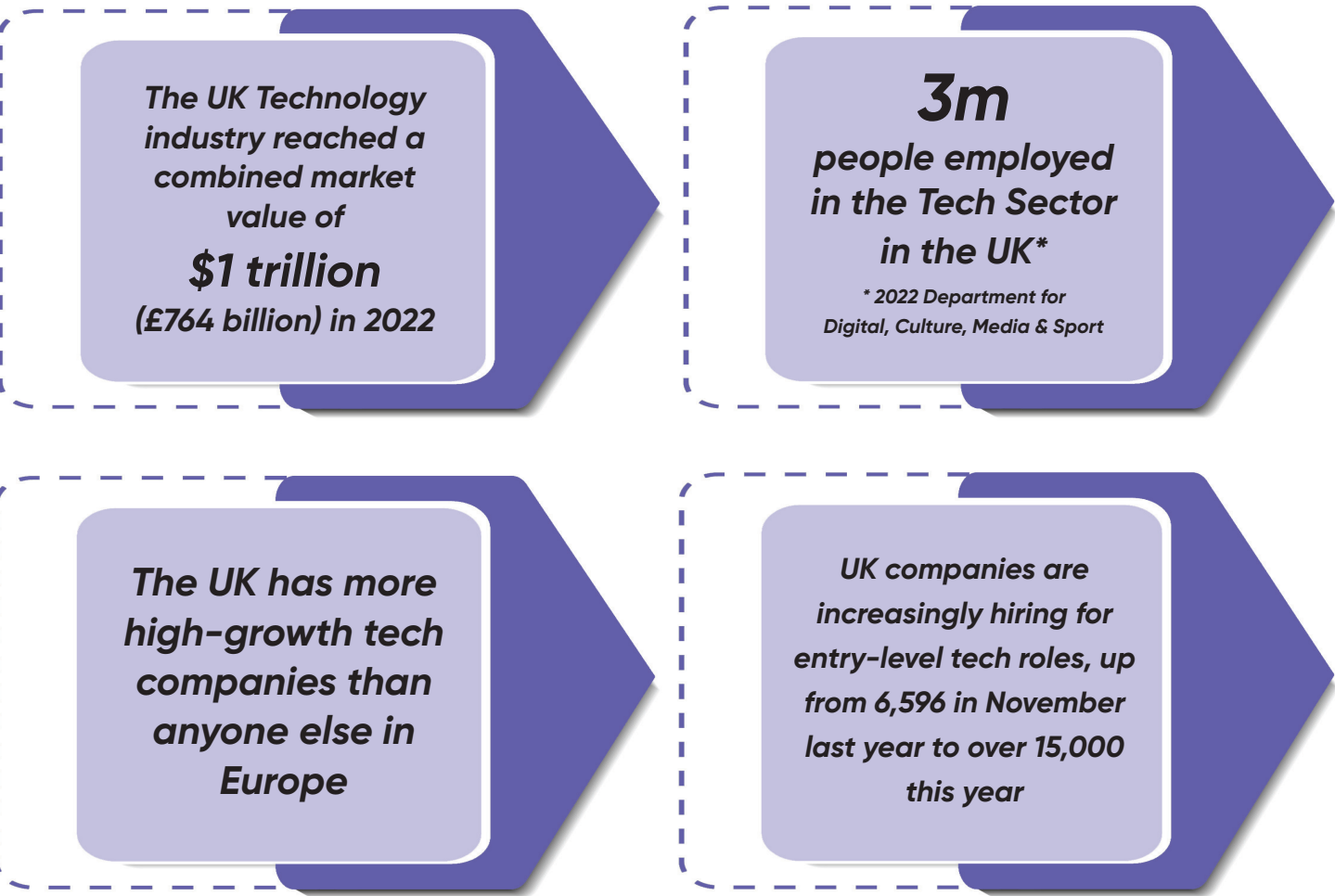


# INFORMATION TECHNOLOGY (IT)



## The Need for Information Technology Roles

As the Technology sector is so huge – underpinning each and every major industry in the UK – the number of careers on offer to you is equally vast. Wherever your digital passion may lie and whatever your personal skills may be, you’re bound to find your place in this fast-paced, cutting edge, and dynamic industry.



## An Introduction to Information Technology

Nearly all UK businesses and organisations rely on Information Technology in their everyday operations, and are constantly on the look-out for qualified individuals to install, manage, maintain, support and protect their hardware and software infrastructures. So, wherever your computing passion may lie, you’re sure to find a career to suit you.

As a result of this continual and rapid growth, a skills-shortage has occurred, and the industry is crying out for well-trained, professional recruits. In fact, the same report revealed that there’s been a huge push to encourage new talent to enter the industry, with over 2 million technology vacancies recorded within the past year.



## Is Information Technology the Right Pathway for You?

Gaining the necessary qualifications, and undertaking voluntary placements, can teach you the knowledge and expertise you will need in this sector, but there are a number of personal qualities and transferrable skills that are essential for a successful and rewarding career in the IT industry.

You’ll develop excellent IT skills – including knowledge of computer networks, programming, operating systems, software and hardware. You’ll need a good head for maths, the ability to work as part of a team as well as alone, strong communication and organisation skills. If you possess a genuine curiosity for technology, enjoy intricate puzzles and the satisfaction of problem-solving, then a career in IT might just be a pathway for you

## Careers in Information Technology

From Manufacturing to Media, from Pharmaceuticals to Financial Services, and from Hospitality to Healthcare, you’ll struggle to find a business or organisation that isn’t dependent on their systems, software and IT infrastructure in order to succeed. This is reflected in the million people already working in the IT sector, and yet employers are still crying out for talented individuals to join them.

Some of the most in-demand IT positions in 2023 are Business Analysts, Cloud/Data Architects, Cyber Security Analysts, Data Analysts, Data Engineers, Database Administrators, DevOps Engineers, Technical Support, and .NET developers. Due to the highly-technical knowledge required in the IT industry some of these careers require a university degree.

But don’t let this put you off. Demand for entry-level tech roles is soaring with job listings increasing to 15,000 this year – up from 6,596 in November 22. This route can help you can gain work-experience and further your qualifications while in the role.



**Business Analysts** earn in the region of **£21k to £31k**, rising to **£35k to £65k** with experience, while **senior analysts** can earn in excess of **£100k**, particularly in the finance sector; **Cyber Security Analyst** salaries tend to fall between **£25k and £35k**, but can rise to in excess of **£70k** in higher-level leadership or managerial roles; **Data Analysts** can realistically expect **£25k to £35k**, while **experienced high-level and consulting jobs** can command **£60k** or more; and junior **Data Scientist** salaries start at around **£25k to £30k**, rising to between **£40k and £60k** with suitable experience, while **lead and chief data scientists** can earn upwards of **£100k**.

**There are plenty of opportunities open to you. Here are just a few ideas:**

- Applications Developer
- Business Analyst
- Cloud Architect
- Computer Hardware Engineer
- Computer Repair Technician
- Computer Systems Analyst
- Cyber Security Analyst
- Database Administrator
- Data Analyst
- Data Architect
- Data Scientist
- Data Warehouse Architect
- DevOps Engineer
- Front-End Developer
- IT Consultant
- IT Manager
- IT Support Analyst
- Java Developer
- Mobile Developer
- .NET Developer
- Network Administrator
- Network Engineer
- Software Developer
- Software Engineer
- Systems Administrator
- Technical Sales Professional
- Web Developer



LSBU

London South Bank University

LSBTC

London South Bank Technical College

LC

Lambeth College

SBUSIXTH

South Bank University  
Sixth Form

SBUA

South Bank University Academy

ENTRY LEVEL

Award, Certificate (ELC), Diploma  
English for speakers of Other languages (ESOL)  
Essential skills  
Functional skills  
Skills for Life

English/  
Maths

ESOL  
English for Speakers  
of Other Languages

ESOL  
16-18s study  
programme

Adult Basic Skills -  
Digital, Employability,  
Numeracy, Skills for  
Life, Literacy

Sector based  
Work Academy  
Programmes

Inclusive Learning – Preparation for Employment/  
Independent Living Skills/Learning for the  
Community/Life and Work Skills, Practical Living  
Skills/ Progression to Life and Work/ Preparation  
for Work and Supported Internship

ESOL for IT  
and Digital  
Skills

LEVEL 1

First Certificate, Award, Certificate, Diploma, ESOL  
Essential skills  
Functional skills  
National vocational qualification (NVQ)

Information Technology

ESOL  
English for Speakers  
of Other Languages

ESOL for IT  
and Digital  
Skills

English/Maths

LEVEL 2

Intermediate Apprenticeship, Award, Certificate, Diploma, ESOL  
Essential skills  
Functional skills  
GCSE  
NVQ

Information and Creative Technology

ESOL  
English for Speakers  
of Other Languages

English/Maths

LEVEL 3

Access to HE Diploma  
Advanced Apprenticeship  
A Level  
Applied General  
Award, Certificate, Diploma, ESOL  
NVQ  
T Level

T

Digital Production, Design and Development

Information Technology

CompTIAA+

T

Range of A Level options

Computer Science A Level

Digital Software Development

T

LEVEL 4

CertHE  
Higher Apprenticeship  
HNC  
Award, Certificate, Diploma  
NVQ  
HTQ

BSc Hons Computer Science

BSc Hons Information Technology

Software Developer

LEVEL 5

DipHE  
Foundation Degree  
HND  
Award, Certificate, Diploma  
NVQ

BSc Hons Computer Science

BSc Hons Information Technology

BEng Hons Electronic and Computer Systems Engineering

LEVEL 6

Degree Apprenticeship  
Degree (with or without Honours)  
Graduate Certificate/Diploma  
Award, Certificate, Diploma  
NVQ

Direct L5 entry  
BSc Hons Computer Science

Direct L5 entry  
BSc Hons Information Technology

Direct L5 Entry  
BEng Hons Electronic and Computer Systems Engineering

LEVEL 7

Integrated Master's Degree  
Award, Certificate, Diploma, NVQ, Master's Degree  
Postgraduate Certificate / Diploma  
Postgraduate Certificate in Education (PGCE)

MSc Applied Artificial Intelligence

MSc Data Science

MSc Computer Science

MSc Cyber Security

LEVEL 8

Doctorate (PhD or DPhil)  
Award, Certificate, Diploma

PhD Computer Science and Informatics