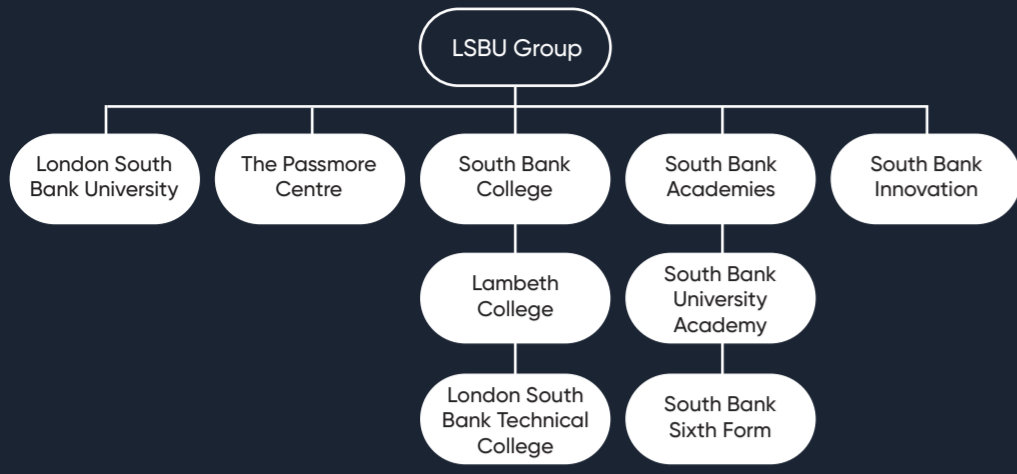


Fit for the future, ready for the real world.

Our goal is to help you succeed, no matter what your age, background, or educational experience. We provide career-focused 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
- www.startprofile.com
- 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
- www.tpdegrees.com/careers/quiz
- www.targetjobs.co.uk/career-sectors/it-and-technology
- www.tpdegrees.com/careers
- www.prospects.ac.uk/jobs-and-work-experience/job-sectors/information-technology

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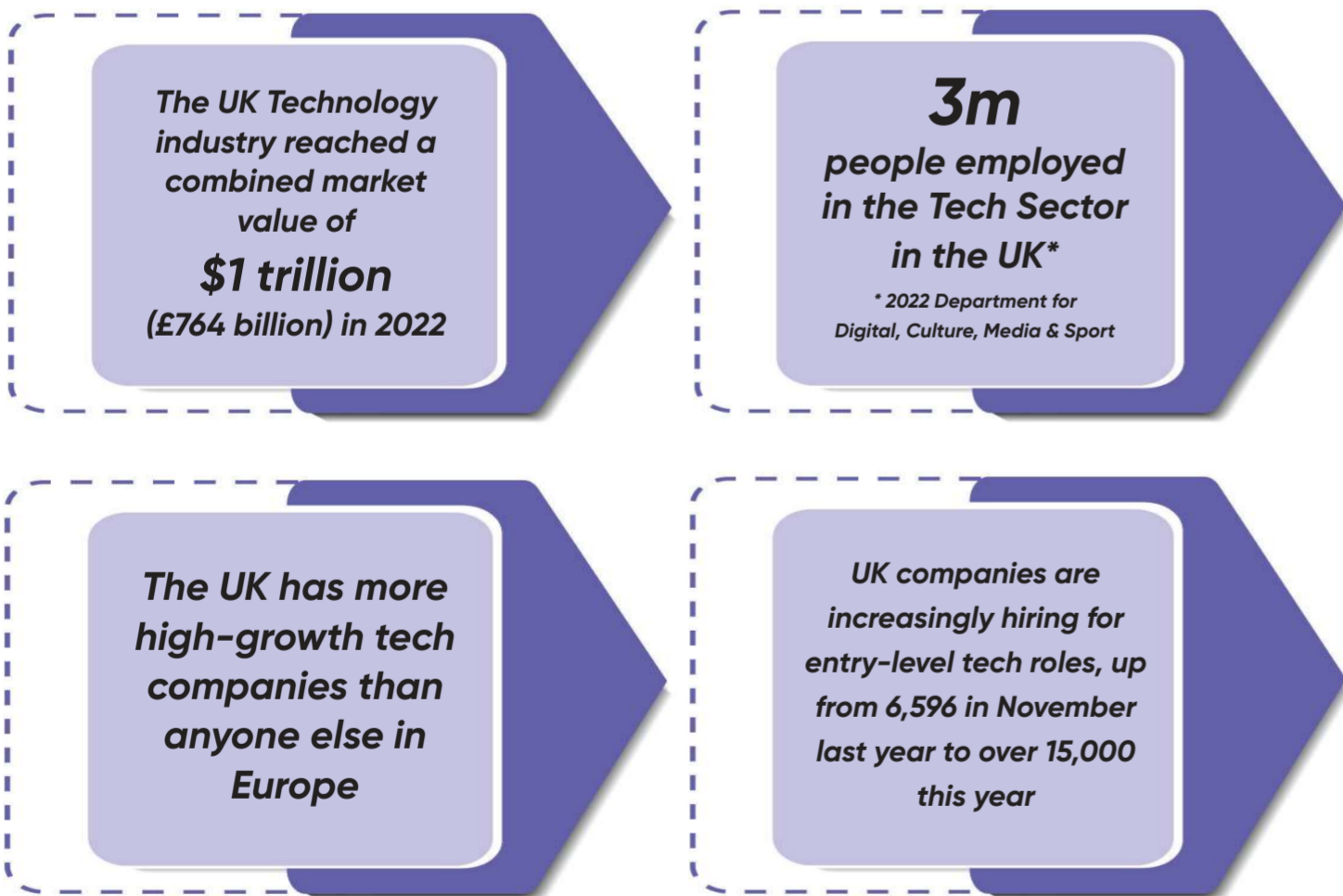


INFORMATION TECHNOLOGY (IT)



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.



Working on real projects helped me build my problem-solving skills, think more critically, and grow in confidence. Alongside my studies, I took on leadership opportunities that developed my communication and teamwork skills, which prepared me for professional environments. With approachable lecturers and a supportive learning environment, I felt encouraged throughout my studies. Now, I use the skills I gained every day and feel confident progressing in my career.

Lara M
Information Technology BSc (Hons) LSBU



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.

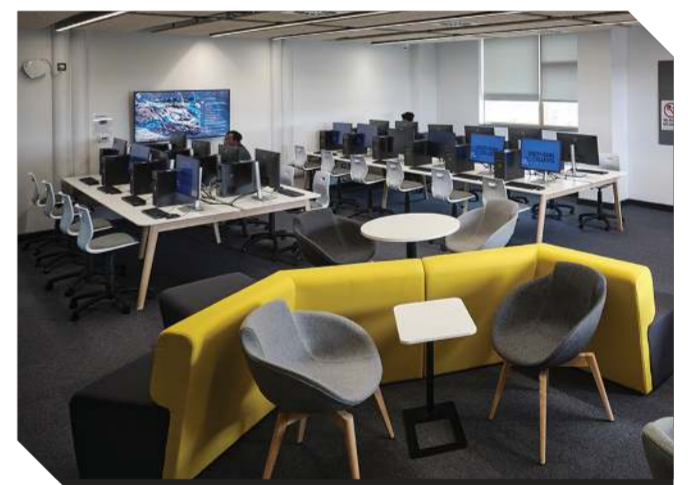
You'll develop excellent IT skills – including knowledge of computer networks, programming, operating systems, software and hardware. You'll need a good head for maths, the ability to work as part of a team as well as alone, strong communication and organisation skills. If you possess a genuine curiosity 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

INFORMATION TECHNOLOGY (IT)



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



LEVEL 1
First Certificate, Award, Certificate, Diploma, ESOL
Essential skills
Functional skills
National vocational qualification (NVQ)



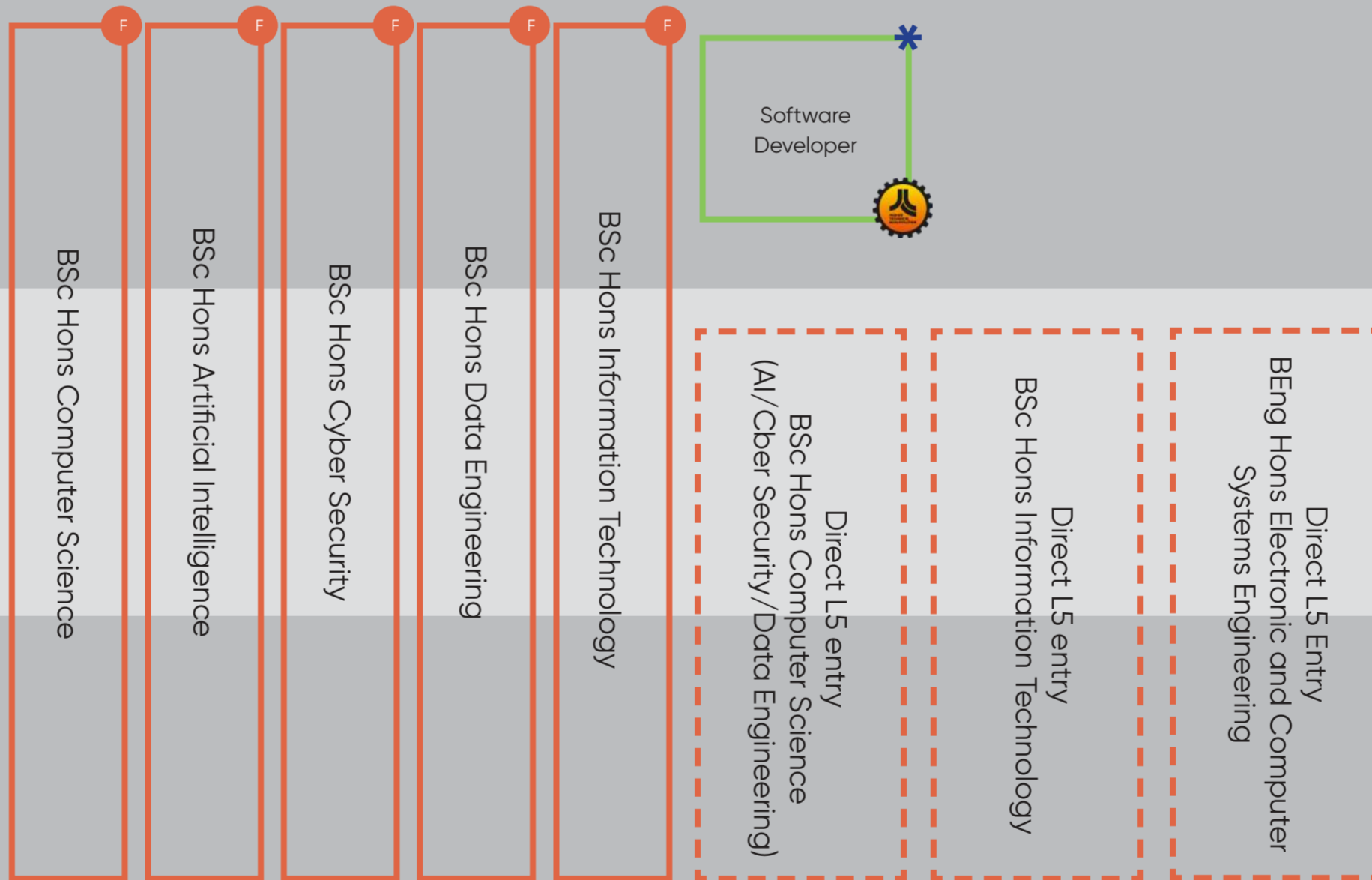
LEVEL 2
Intermediate Apprenticeship, Award, Certificate, Diploma, ESOL
Essential skills
Functional skills
GCSE
NVQ



LEVEL 3
Access to HE Diploma
Advanced Apprenticeship
A Level
Applied General Award, Certificate, Diploma, ESOL
NVQ
T Level



LEVEL 4
CertHE
Higher Apprenticeship
HNC
Award, Certificate, Diploma
NVQ
HTQ



LEVEL 5
DipHE
Foundation Degree
HND
Award, Certificate, Diploma
NVQ

LEVEL 6
Degree Apprenticeship
Degree (with or without Honours)
Graduate Certificate/Diploma
Award, Certificate, Diploma
NVQ

LEVEL 7
Integrated Master's Degree
Award, Certificate, Diploma, NVQ, Master's Degree
Postgraduate Certificate / Diploma
Postgraduate Certificate in Education (PGCE)



LEVEL 8
Doctorate (PhD or DPhil)
Award, Certificate, Diploma

