INVESTIN
THE ULTIMATE WORK EXPERIENCE

Your Career Report

From the answers you provided in your quiz, we think you would be well suited to a career in...

SCIENCE, DESIGN & TECHNOLOGY

The Science, Technology & Design sector is a vast and diverse field. Those who work in the sector focus on creating innovative solutions for some of the world's most pressing problems, from climate change to technological advancements. Many businesses rely on the advancements in this field to improve their products and services.

Potential Jobs in Science, Design & Tech

- Software Developer
- Data Analyst
- Web Designer
- Mechanical Engineer
- Civil Engineer
- Architect
- Research Scientist
- Graphic Designer
- Forensic Scientist

Experience a career in STEM with InvestIN

InvestIN delivers work experience programmes designed to help you choose the right career and maximise your potential. Through immersive simulations and iconic site visits you will be able to gain hands-on, practical industry experience with professionals, whilst gaining a certificate and even UCAS points!

Based on your answers, we think you're suited to these InvestIN programmes:

Engineer
Explore a Boeing jet with aerospace engineers

Architect
Complete design projects in a real architecture studio

Computer Scientist
Programme a robot using Python

Forensic Scientist
Explore a simulated crime scene

To explore our programme timetables, follow the links below!

Engineer | Architect | Computer Sci | Forensic Sci

What makes you a great fit for science, tech or design?

Take a look at your skills profile below to see how your identified strengths can help your career in STEM.

Your Skills Profile:

Top Tip:
Keep track of your skills and experiences in a Skills Diary!

Taking Initiative	Being a person who takes initiative allows you to proactively explore new ideas, contribute to innovative projects, and showcase your passion for pushing boundaries.
Analytical Thinker	As an analytical thinker you can critically analyse problems, identify patterns, and develop creative solutions.
Innovator	As an innovator you can think creatively, push boundaries, and contribute groundbreaking ideas, setting you apart as someone who can drive positive change.
Team-Player	Being a team player fosters collaboration, encourages diverse perspectives, and ensures that innovative projects are approached with collective expertise.
Active Listener	As an active listener you can understand diverse perspectives and gather valuable insights, enhancing your ability to succeed in dynamic and collaborative environments.

Next Steps

Our top tips for developing your skills

Explore volunteering opportunities
Whether it's at a charity or a school event, volunteering allows you to contribute to your community while developing transferable skills.

Reflect on your own passions
What do you do in your spare time? What do those hobbies say about what motivates you or where your strengths lie? Consider if there is any overlap between those skills and those required of a professional in STEM.

Develop a new skill
Challenge yourself by acquiring a skill outside your comfort zone. Whether it's coding, playing an instrument or public speaking, acquiring new skills broadens your capabilities and demonstrates a willingness to adapt.

Further Resources

InvestIN's Blog pages are a great resource to gain further insight into a career in STEM! Follow the links below to check out some of our favourite posts:

All about Science, Tech & Design

- Launching a Career in Technology
- A Day in the Life of an Engineer: Problem Solving and Teamwork

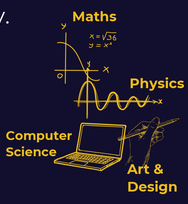
Career Advice

- How to motivate yourself to study in 7 easy steps
- 8 ways to improve your employability at school
- Skills advice from 20 top professionals
- A week in the workplace
- What A-Levels should I take? Ultimate Guide

Subject & university tips

What subjects should I study at school?

If you're considering a career in science, design or techology, it's important to choose the right subjects to lay a strong foundation for your future. Here, we'll explore the recommended subjects at different stages of your educational journey.



GCSEs

Or equivalent (Ages 15-16)

At this stage, keep your options open and pursue a range of subjects. There will be many subjects you have to study, whereas some are optional. In these instances, start thinking about your longer-term goals e.g. opting for triple science if you want to pursue a science-based degree in the future.

A-Levels

Or equivalent (Ages 16-18)

When considering your A-Level choices, it's important to research and understand the specific entry requirements of different universities.

For instance, if you're aiming for a degree in Engineering or Computer Science, universities typically prefer A-levels in Mathematics, Computing and Physics.

Alternatively, if you're considering a degree in architecture or graphic design, you might also want to consider subjects like Art and Design.

What are the top UK universities to consider?

According to The Complete University Guide 2025

Engineering

3-4 year course

(Depends on type of engineering)

Cambridge, Oxford, Bristol, Durham, Sheffield

Architecture

3-7 year course

Sheffield, Loughborough, Bath, Cambridge, Cardiff

Computer Science

3-4 year course

Cambridge, Oxford, Imperial, St Andrew's, Warwick

Forensic Science

3-5 year course

Strathclyde, Northumbria, Robert Gordon, Huddersfield, Nottingham Trent

What factors should I consider when choosing a university?

Compare facilities between the universities - state of the art labs and equipment are only available at some universities. Always consider your own personal preferences - do you want to be close to home or further afield, on campus or in a city, options to do a year abroad/in industry, coursework or exams, variety in modules...

Will the university I go to impact my long-term career prospects?

Your university's ranking shouldn't affect your career prospects, however, higher ranked universities may have better quality resources, facilities and industry connections which can open up further opportunities.

Should I choose a specific specialism now or stick to the general subject?

If you're not 100% sure what specialism is for you, certain universities will allow you to study for example a general engineering course for a year before transferring to a specialised field of engineering later. Without a specialist field, you will possibly require additional training to work in that field later on - as is also the case in computing.

Do I have to go to university?

No! Whilst apprenticeships are less common for forensics, there are a wide range of Level 3, 4 and 6 apprenticeships available in engineering, computing/tech and architecture, enabling you to earn while you learn. Find out more on gov.uk.

How can I stand out in my application?

STEM careers are competitive fields. Whilst formal work experience is not a requirement, university admissions teams are looking for both your **suitability** and your **dedication** to your desired course.

Personal Projects

Work experience and/or personal projects are the best way to gain lived experience of problem-solving and analytical skills - key traits for careers in science, design & technology. Developing your own projects, such as learning to code, building something or creating a design portfolio is a fantastic way to demonstrate your STEM skills and love for learning.

Demonstrate passion

Make sure you fully understand your motivations to work in science, tech or design and ensure you can articulate these clearly. Gaining experience in your own time, doing your own research to talk about in interviews will give you an advantage, as it demonstrates your commitment to a long-term investment.

Advice from our network of professionals

Consider joining or setting up your own STEM club at school, working on projects with others, so you can start building up good talking points for your personal statement about how you navigated challenges.

Lots of software is readily available online for free or have free trials, so you can teach yourself to code, make a video game or build a 3D model from the comfort of your own home!

Look local for opportunities to shadow or volunteer in professional settings, looking for ways to problem-solve, collaborate with others or develop your communication skills.

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