

Focus on: Computing, Technology & Digital

[Computing technology and digital](#) | [Explore careers \(nationalcareers.service.gov.uk\)](#)

Career description

There are many different careers that fall under Computing, technology and Digital. The main careers include are involved in the Computer Games industry, Software Development, IT and Robotics Engineering and Website design.

Pathways & Entry requirements

There are several different pathways into Computing, Technology and Digital sector.

Apprenticeships

Advanced

5 GCSEs grade 4-9

Degree/Higher

5 GCSE grades 4-9, plus at least 96 UCAS points (3 x grade Cs)

College (Further Education)

At college you can study Level 1- 3 Computing, Tech and digital courses.

For Level 1 course the entry requirements are 4 GCSE grade 2s

For Level 2 course the entry requirements are 4 GCSE grade 3s

For Level 3 course the entry requirements are 4 GCSE grade 4s and above

University (Higher Education)

Minimum 96 UCAS points

(3 x A Level grade Cs)

Careers within this sector

Within the Computing, Technology & Digital sector there are many different job roles including:

- App Developer
- Computer Games Designer
- Computer Games Tester
- Cyber Security
- Data Scientist
- E-learning manager
- Forensic Computer Analyst
- IT Engineer
- Network Manager
- Robotics Engineer
- Social Media Manager
- Software Developer
- Vlogger
- VR/AR Creator
- Web Designer

Useful links:

[Careers, jobs and skills training in film, TV, VFX, animation and games - ScreenSkills](#)

[Levelling up your future in the UK games industry | Into Games](#)

[BCS, The Chartered Institute for IT | BCS](#)

[Tech Future Careers \(techskills.org\)](#)

Coming up ...

Date	Yr12 Work Experience week (1st – 5 th July)
Date	Yr12 Next Steps Day (Monday 8 th July)
Date	Yr10 Work Experience week (22 nd – 26 th July)

Alumni:

**OLIVER
STUART
ROUTE INTO
RiVR**

We first met Oliver whilst rolling out a project in partnership with Warwickshire County Council, at his school; Southam College. This project involved incorporating the key skills required for creating and operating Virtual Reality hardware. Whilst the project progressed, Oliver took a keen interest in what we were doing and in his own time, confidently approached us with queries on how he could get involved with the company.

We recognised his talents and decided to enrol Oliver in our work experience scheme. The level at which Oliver was performing was a lot higher than we had expected and it was with this demonstration of ability that we decided to hire him not as an apprentice, which is the usual pathway but as a full time employee.

As VR/XR Assistant, Oliver is now a valued member of the RiVR team. He has played a vital role in assisting with televised segments on The Gadget Show and BBC Crimewatch along with his everyday role helping full project management of RiVR's products. In addition to this Oliver has also helped with the creation of some photogrammetry models and was particularly pleased with the outcome of the Harley Davidson that he helped with the capture and creation of and that you can see below.

"I never thought i'd find a job that interested me so much, it's a joy to work in a job that allows me to practically work on all of my hobbies on a day to day basis. I love experiencing the new technologies that RiVR work on, being in and around this world is my dream and now I'm living it". - Oliver Stuart, RiVR

**LOCAL
YOUNG
TALENT
FESTIVAL**