



# i am digital

DIGITAL ACADEMY - CORNWALL





Average annual  
salary in the digital  
tech sector is  
£38,000



## A new way of thinking

Digital Academy Cornwall has developed from a meeting of minds and ideas, from software companies, creative thinkers and Cornwall's leading information technology training provider.

With a national shortage of digital skills, there is a need to challenge how we think about skills training and education for digital industries. We need to prepare the developers, technicians and dreamers of the future to be work ready, with high-level skills and real world experience through extensive industry support. In order to achieve this we need to evolve traditional concepts of learning and look at things differently.

The first strand of Digital Academy Cornwall will focus on Software Development skills training, creating the makers of the future. These unique industry-designed and focused programmes will develop a future generation who, at the end of their programme, will be extremely employable.

For more information on the Microsoft accredited digital academy visit [www.iamdigital.uk](http://www.iamdigital.uk)



Work on real projects, from day one, starting with your own personal online brand



## Digital Technologies Technical Baccalaureate (TechBac)

The City & Guilds TechBac has been designed for school leavers (16+) to bridge the gap between education and employment and combines technical qualification together with workplace skills. The Tech Bac aligns itself with employer's skill requirements to ensure students are learning the crucial skills required to set them apart from the competition. No other curriculum breaks down doors and progresses learners like the Tech Bac does.

The diverse programme will include a range of topics, including:

- Software Development Fundamentals
- Game Development
- Application Development
- Information Security
- Networking Fundamentals
- Project Management
- Digital Business Communication
- Enterprise Technologies



A recent local business survey indicates apprentices on this programme could earn between £15,000 - £18,000 pa while training



## Software Developer Apprenticeship Level 4

Now you can earn while you learn and gain a university-level qualification with no student debt by becoming a Software Developer Apprentice. The main role of a software developer is to build and test high-quality code across front end, logic and database layers.

A developer will typically be working as part of a larger team, in which they will have responsibility for some of the straightforward elements of the overall project. The developer will need to be able to interpret design documentation and specifications.

This course will give you a business edge and ensure you are at the cutting edge of the digital industry sector. Working with a business 4 days per week and at college 1 day per week working on theory and being mentored by our team of expert lecturers.

As part of this 2-year programme you will also gain an internationally recognised vendor qualification.

A young woman with dark hair in a braid, wearing a black baseball cap and safety goggles, is focused on her work at a desk. She is soldering or assembling a blue electronic device with various wires and components. The desk is cluttered with tools and materials, including a soldering iron, a power drill, and several small electronic boards. In the background, there's a whiteboard with some sketches and notes.

Work with a  
whole range of  
different businesses



## The industry you will be joining...

Software developers lie at the heart of global business, from designing the software that keeps huge retailers and manufacturers moving, to building the latest games and apps. Information technology is a huge part of everyday life, and those people helping to build and maintain it are in high demand.

There's a new language shaping the future world around us. Those who know their Pic from their Arduino, their Java from their JavaScript, and their T-SQL from their MySQL are making the smart cities of tomorrow a reality.

Software developers can expect to earn an annual graduate salary of £26,000. Experienced managers go on to earn £50,000++ each year.

**There are forecast to be  
146,000 job openings in the  
sector in the next 10 years**





## **Technical Certificate in Digital Technologies (Software and Application) Level 2**

Ideal if: You are looking for an entry level qualification in the Digital sector as you do not need any previous knowledge or experience to begin this qualification. We aim to provide you with a range of essential technical skills and knowledge in one of three key areas within the Digital Industries environment. This includes the core skills in Networks and Infrastructure, Software and Applications and Web development and Social Media.

## **Advanced Technical Certificate in Digital Technologies Level 3 (TechBac Year 1)**

Ideal if: The Level 3 Technical Certificate in Digital Technology is perfect for those with an interest in the digital sector and for those wanting to develop a broad and comprehensive understanding of the IT digital environment. This qualification is delivered over a year and can be delivered as part of a wider programme of study such as the City & Guilds TechBac.





## **Advanced Technical Diploma in Application Development Level 3 (TechBac Year 2)**

**Ideal If:** You have a keen interest in the digital sector and are considering a career in application development.

You can expect to be taught and mentored by local industry experts and you will have the opportunity to connect your technical learning with real-life through the work experience element of your course. This qualification can also be studied as part of the City & Guilds TechBac.





Coming soon...

### **Software Development Technician Apprenticeships Level 3**

Ideal for: school leavers or adults with a keen interest in building a career in any of the branches of software development. A Software Development Technician typically works as part of a Software Development Team, to build simple software components (whether web, mobile or desktop applications) to be used by other members of the team as part of larger software development projects.

### **Software Tester Apprenticeship Level 4**

Ideal for: anyone with A-level or equivalent qualifications and some experience of software development. The primary role of a Software Tester is to ensure that software operates as intended. Testers typically design and prepare test plans and conduct software testing as appropriate to ensure that software is fit for purpose. They document and report the results of testing activities. They have a good understanding of the software lifecycle and software development practices.



## Want to know more?

If you are interested in joining us, or want to talk to one of the team in more detail about the programme, please contact us

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Find out more about Cornwall's tech community at  
[www.softwarecornwall.org](http://www.softwarecornwall.org)

THE CORNWALL COLLEGE GROUP