



Software Development Technician

Level 3
Apprenticeship

INTEQUAL

About us

At Intequal, we are specialists in the management and provision of top quality IT and digital apprenticeship programmes.

As a technology driven organisation, we have years of experience acquiring and training talent for all types and sizes of organisations. Our apprenticeships provide real-time work and learning experience opportunities in various industry sectors and our programmes include globally recognised professional qualifications from Microsoft and CompTIA.

Working closely with business, we deliver our apprenticeships through interactive instructor-led online learning sessions via Skype. These act as a virtual classroom conducted twice weekly within the workplace with a fully qualified trainer.

Our blended training delivery enables:

- Increased productivity - workbased study
- Instant application of knowledge to role
- Dedicated Pathway Planner to provide study support
- Employer-led training tailored to business needs

Software Development Technician

Level 3 Apprenticeship Programme Summary

The aim of the programme is to provide the skills and knowledge required to begin a career in IT as a Software Developer or similar role. The duration of this apprenticeship programme is typically 14-16 months, to enable apprentices to develop appropriately. Study for knowledge modules is delivered in a blend of online/offline methods in a mixture of taught sessions and independent study, whilst staying within the workplace. This apprenticeship is also recognised for entry onto the Register of IT Technicians upon completion and enables progression to Level 4 if desired.

Career Pathways



Programme Structure



Study modules

NB: Please note all of the following modules have multiple choice Vendor or Awarding Body exam based assessments.

BCS Level 3 Certificate in Software Development Context & Methodologies

- demonstrate knowledge and understanding of software development underlying architecture, principles and techniques.



Key Topics

- Business context for software development
- Understand the structure of software applications
- Software development lifecycle
- Configuration management and version control systems

BCS Level 3 Certificate in Programming

- demonstrate knowledge and understanding of programming.



Key Topics

- Implement software code following a logical approach
- Code against data sources
- Understand the principles of good interface design
- Security in software development

Plus Optional Enrichment Modules

MTA Software Development Fundamentals -Enrichment modules

- build an understanding of Core Programming, Object-Oriented Programming, General Software Development, Web Applications, Desktop Applications and Databases.



Key Topics

- Understand general software development
- Understand web applications
- Understand desktop applications
- Understand databases

MTA Database Fundamentals

- give learners a full-stack appreciation of the software development field. We will explore the fundamentals of database creation and management. This is an additional stretched module to extend learning.



Key Topics

- Core database concepts
- Relational database concepts
- Database security requirements
- Graphical tools and T-SQL scripts
- Stored procedures



" My apprenticeship has been fantastic from start to finish. I think the balance of learning skills whilst actually working is a beneficial one and for me the preferred one over a university."

Liam

Please contact our team at Intequal for further information

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