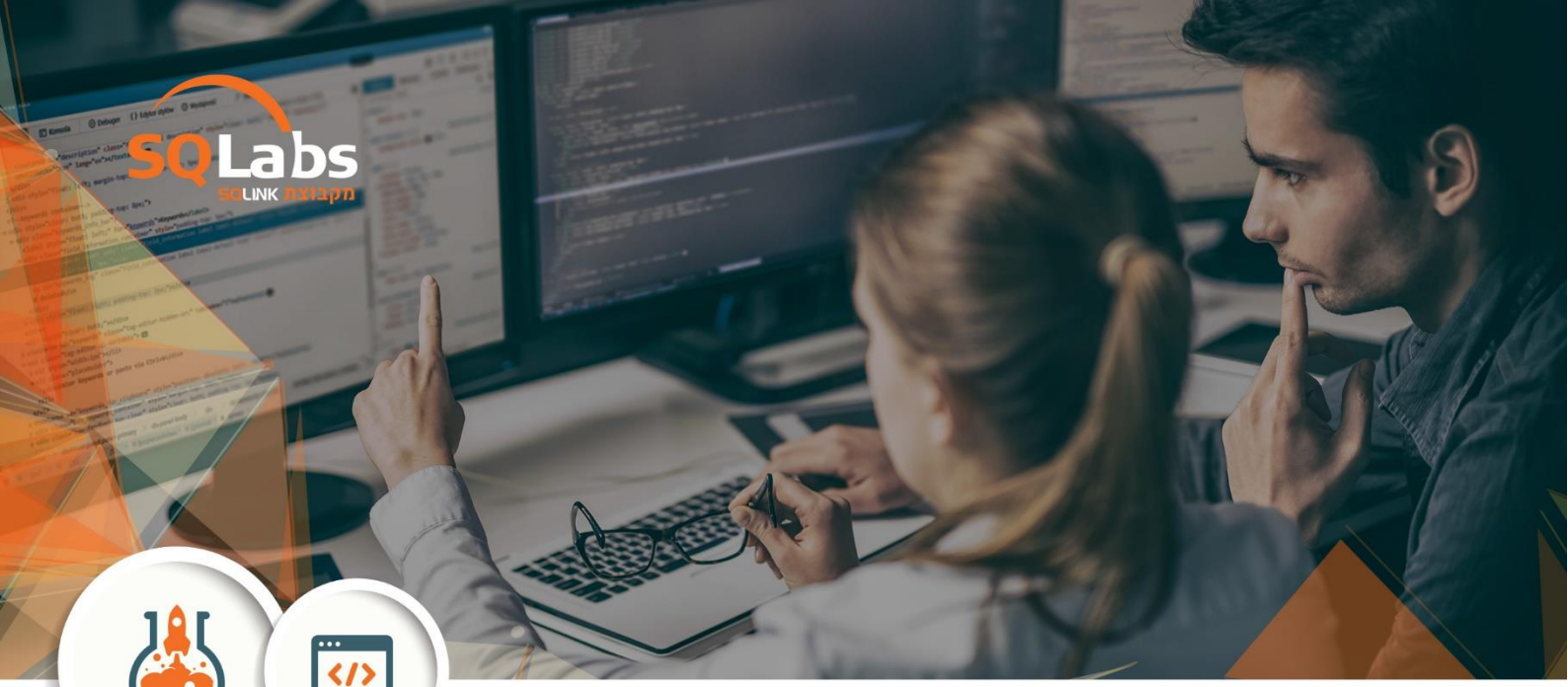

Test Automation Engineer – 40 Hours

Overview

C# Programming

- Flow charts & Intro to programming
- Introduction to OOP
- C# Programming

Testing Automation

- Automation Framework
- Selenium WebDriver
- Logging Infrastructure

Course content

OOP & C# Programming

- Concepts
- Class & Objects
- Inheritance
- Encapsulation
- Polymorphism
- Interfaces
- Advanced class features
- Identifiers
- Static, final, abstract & interfaces

Testing Automation:

- Set Up WebDriver with Visual Studio
- Understanding the Selenium components
- Familiarity with web automation projects architecture
- WebDriver Commands
- Basic understanding of test automation framework (NGTest)
- Understanding WebDriver locators (XPath and CSS) & Tools
- Alerts & Windows
    - Wait commands
    - Advanced Webdriver waits
    - Switch commands
    -
- Actions & Robot Class
    - Drag and Drop action in Selenium
    - Mouse Hover action in Selenium

Selenium advanced:

- Log4j Logging
- TestNG Framework
- TestNG Reporters & Asserts
- ReportsNG