

ENTRY-LEVEL PROGRAMMER

[Duration: 10 Hours]

Choose 1 programming language, i.e java or python or c++

Understand fundamental terms and definitions

Understand programming logic and structure

Introduce literals and variables into code and use different numeral systems

Choose operators and data types adequate to the problem

Perform Input/Output console operations

Control Flow - Conditional Blocks and Loops

iterations and Data Collections

+1 International exams
- additional in price



ABOUT

- aspiring programmers and learners interested in learning programming for fun and job-related tasks;
- learners looking to gain fundamental skills and knowledge for an entry-level job role as a software developer, data analyst, or tester;
- industry professionals wishing to explore technologies that are connected with Python, or that utilize it as a foundation;
- team leaders, product managers, and project managers who want to understand the terminology and processes in the software development cycle to more effectively manage and communicate with production and development teams.

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ASSOCIATE PROGRAMMER

[Duration: 20 Hours]

Choose 1 programming language, i.e java or python or c++

Modules and Packages

Exception Handling

Strings

Object Orientated Programming

List Comprehensions, Lambdas, Closures, and I/O Operations

Build complex lists using list comprehension

Embed lambda functions into the code

Define and use closures

Perform Input/Output operations

+2 International exams

- additional in price

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ABOUT

- aspiring programmers and learners interested in learning programming for fun and job-related tasks;
- learners and career changers seeking a junior-level job role as a software developer, data analyst, or tester.
- industry professionals wishing to explore technologies that are connected with Python, or that utilize it as a foundation;
- aspiring programmers and industry professionals looking to build a solid foundation for further studies in more specialized areas, such as testing, data analytics, machine learning, IoT, and web development;
- team leaders, product managers, and project managers who want to understand the terminology and processes in the software development cycle to more effectively manage and communicate with production and development teams.

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PRICE: R15 900 / \$1100 / €1000 / £800

Full Payment before commencement (no payment plan)

Prerequisite: Entry-Level Programmer

PROFESSIONAL PROGRAMMER

[Duration: 20 Hours]

Choose 1 programming language,
i.e java or python or c++

(Advanced OOP)

Advanced (Best Practices and Standardization)*

Advanced (GUI Programming)*

Advanced (Network Programming)*

Advanced (File Processing and Communicating with a Program's Environment)*

sqlite – interacting with SQLite databases

xml – creating and processing XML files;

csv – CSV file reading and writing

+2 International exams
- additional in price



ABOUT

- Learners looking to boost their skills and knowledge for a junior-level and middle-level role as a software developer, network programmer, data analyst, or tester;
- industry professionals wishing to explore technologies that are connected with Python, or that utilize it as a foundation;
- team leaders, product managers, and project managers who want gain an in-depth understanding of the terminology and processes in the software development cycle to more effectively manage and communicate with production, QA, and development teams.

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PRICE: R18 900 / \$1100 / €1000 / £900

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Prerequisite: Associate Programmer

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SOFTWARE TESTING: SELENIUM & PYTHON

[Duration: 40 Hours/ 2
months

Uses Python & Selenium

Complete knowledge on Python
Automation using Selenium
WebDriver

Understanding of Python Basics
with many examples

Understanding on Selenium
Python API Methods with real
time Scenarios

Implement Python Test
Automation Frameworks

Python Unit Test Frameworks
like PyTest which will helpful
for Unit and Integration
Testing

+3 International exams
- additional in price

ABOUT

Selenium is a portable framework for testing web applications. Selenium provides a playback tool for authoring functional tests without the need to learn a test scripting language

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PRICE: R28 800 / \$1800 / €1600/ £1500
R14400 / \$900 / €800/ £750 per 20 hours

Prerequisite: Intro Python course

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SOFTWARE TESTING: SELENIUM AND JAVA

[Duration: 40 Hours/ 2 months]

Uses Java & Selenium

Selenium Webdriver with strong Core JAVA basics

Automate all possible test cases & code quality standards

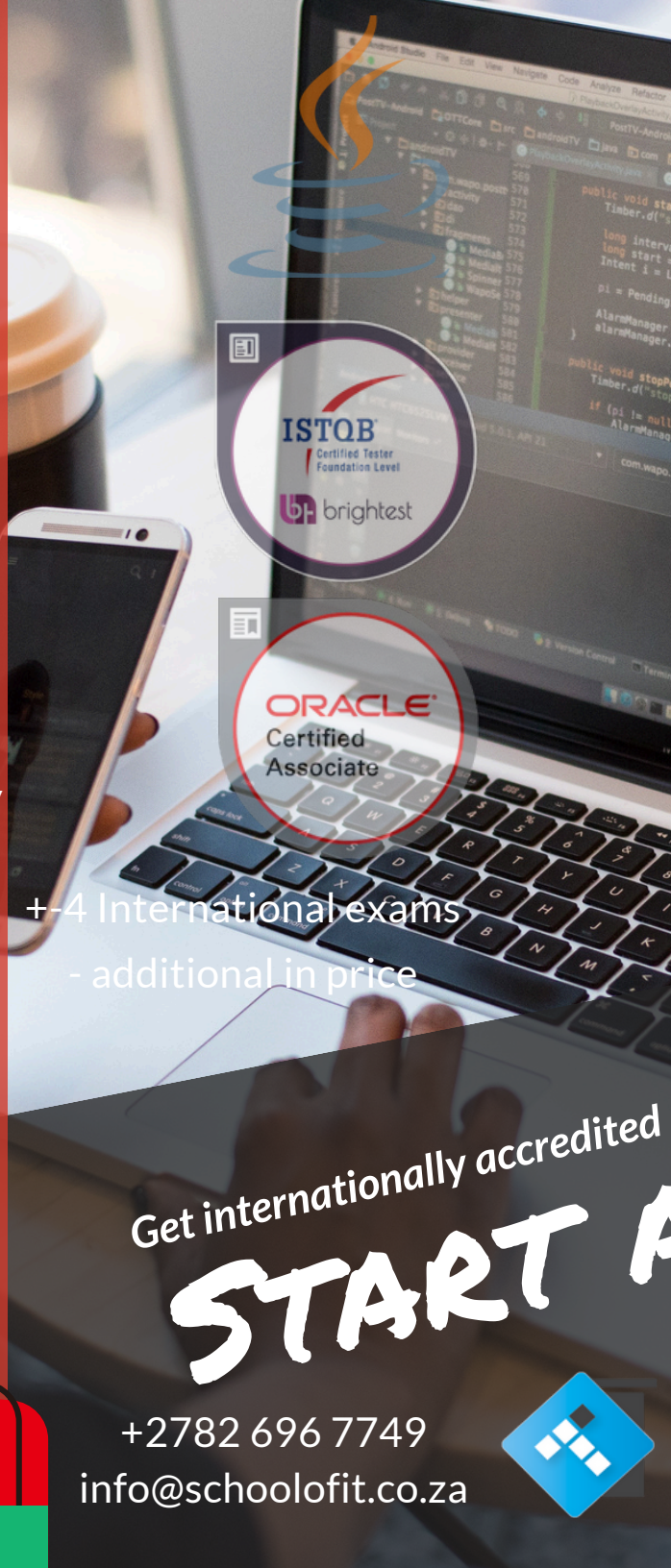
Web driver functions to automate & verify Data Integrity with the GUI of the application

Design PAGEOBJECT, DATADRIVEN & HYBRID Automation FRAMEWORKS from scratch

Understand Mobile Testing Database testing & Performance testing, Automation guidelines with Selenium

PRICE: R28 800 / \$1800 / €1600/ £1500
R14400 / \$900 / €800/ £750 per 20 hours

Prerequisite: Intro Java course



+4 International exams
- additional in price

ABOUT

Selenium is a portable framework for testing web applications. Selenium provides a playback tool for authoring functional tests without the need to learn a test scripting language

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