BECOMING YOU
ACADEMY
...Towards a total life

OUR QUICK GUIDE BROCHURE ON:

MASTERING SOFTWARE QUALITY ASSURANCE

A Comprehensive Training Program

INTRODUCTION

Welcome to our training brochure for mastering software quality assurance [QA] (manual and automation testing). This brochure contains the high-level overview of the topics we will be covering during our 8-week training. It highlights the key points that are necessary for starting and developing your career in software quality assurance, and ultimately landing your first job.

We understand that switching careers or starting afresh on a new path can be quite overwhelming due to the enormous amount of information out there, and that's why this training program is well curated and refined to distill the most relevant information to you, and to answer the most important questions any professional out there could want to ask you.

We invite you to take a look and to feel free to ask any questions that might be of concern to you. We are more than happy to answer them. We look forward to receiving you at our training!
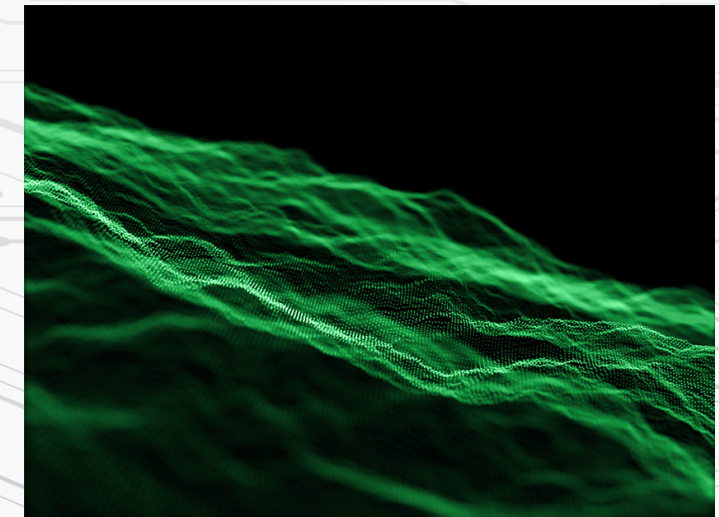
PROGRAM OVERVIEW

Module 1: Introduction to Software Quality Assurance

- Basics of software quality assurance
- Importance of software testing
- Different types of software testing

Module 2: Test Planning and Documentation

- Creating test plans
- Creating test cases
- Traceability matrices
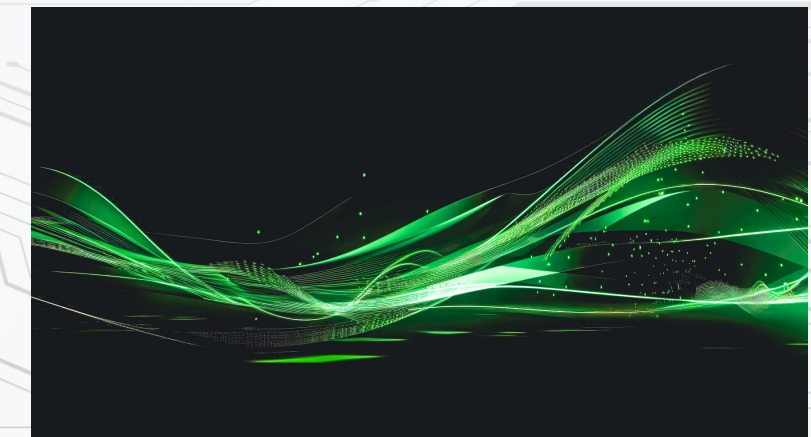
Module 3: Test Execution and Reporting

- Practical guidance on test execution
- Bug/defect reporting
- Bug/defect management

Module 4: Test Design Techniques

- In-depth exploration of Equivalence partitioning
- In-depth exploration of Boundary value analysis
- In-depth exploration of Decision table testing

Module 5: Non-Functional Testing

- Performance Testing – Load, Stress and Volume tests
- Security Testing
- GUI, Usability and Cross-platform Testing
- Compatibility Testing

Module 6: Practicality and application of Manual testing concepts

- Typical test case scenarios and use cases to work on
- Typical questions asked by interviewers and how to answer them

Module 7: Introduction to Cypress as a Front-End Automation Tool

- Introduction to Cypress
- Why Choose Cypress?

Module 8: Setting Up Cypress

- System Requirements for Cypress
- Preparing the Environment for Cypress Installation
- Installing Cypress
- Configuring Cypress

Module 9: Web Elements

- Javascript Fundamentals
- Introduction to Web Elements
- Types of Web Elements
- Priority of Web Elements
- Tools for Finding Web Elements
- Selecting Web Elements

Module 10: HTML Structure

- Terminologies
- Locating Web Element Structures

Module 11: Automation of Web Element Features

- Introduction to Cypress Commands
- Automation Using Cypress Commands

Module 12: Introduction to Other Frontend Tools

- Selenium
- WebdriverIO
- Playwright
- General Tips to Improve Software Automation with Tools

BENEFITS

Some of the benefits you would enjoy participating in this training program include (but are not limited to) the following:

- Quick career advancement opportunities, landing your first job
- Quality Assurance skills development
- Continuous industry relevance
- Continuous support from us until you get a job
- An opportunity to intern with BYA and hone your skills by working on a project

JOIN US TODAY

and Start Your Journey Toward Becoming
a **Quality Assurance Expert!**

Contact us via our website contact form
www.becomingyouacademy.org/contact, or simply write us an
email at **contact@becomingyouacademy.org**.