Accelerated Learning

Action Learning

Growth Mindset

Peer-to-Peer

Lifelong Learning

AW Academy

Test Automation Summer 2021

This diploma is awarded to

Maria Aho

for successfully completing
Test Automation Summer 2021
21 June 2021 – 17 September 2021

Nicolina Kesenci, Program Manager

Test Automation Summer 2021

Description of the program

During this program, you have gained a thorough understanding of Test Automation. You have learned to use different automation tools such as Robot Framework, various Robot Framework tools, and libraries, PyTest, Selenium, and Playwright. You have learned the basics of Python and how to use it with the aforementioned tools. You achieved the ISTQB certificate that proves that you have the acquired knowledge as well. Throughout the program, you have also learned about DevOps, continuous integration, and Agile.

Program Content

Python
- General programming concepts
- Variables and data types
- Control structures
- Functions, modules and classes
- Error handling
- Advanced: decorators, context managers

Testing
- ISTQB CTFL
- ISTQB TAE
- Web testing
- REST API testing
- Mobile testing
- Unit testing

Robot Framework
- Data syntax
- Running tests and viewing results
- Library API
- Advanced: listeners, model modifiers

Robot Framework libraries
- SeleniumLibrary
- Browser
- RequestsLibrary
- RESTinstance
- AppiumLibrary

Other automation tools
- PyTest
- Selenium
- Playwright
- requests
- Appium

Other topics
- DevOps
- Continuous integration (CI)
- Version control
- Linux
- Databases
- Cloud
- Agile

AW Academy

At AW Academy, we believe that learning is a process that occurs when the individual interacts with others, to embrace and implement knowledge, skills, and competence. Consequently, we place great emphasis on identifying and developing the individual's capacity for learning. Besides learning new subjects' areas, individuals at AW Academy, get to practice our pedagogical methods which lays a great foundation for their skill in learn-to-learn.

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