



Cristiano Spadaro

Date of birth: 07/10/1974 | Nationality: | Gender: | Email address:

● WORK EXPERIENCE

01/02/2002 – 31/07/2010 Sestri Levante, Italy
SOFTWARE DEVELOPER GIUNTI LABS

01/08/2010 – 31/01/2013 Sestri Levante, Italy
SOFTWARE QA MANAGER EXACT LEARNING SOLUTIONS

01/02/2013 – 31/08/2014 Genova, Italy
SOFTWARE ANALYST INFINITY TECHNOLOGY SOLUTIONS

01/09/2014 – 01/06/2020 Genova
PRODUCT OWNER SKILLAWARE

01/04/2018 – 01/06/2020 Genova, Italy
PRODUCT MANAGER SEDAPTA GROUP

01/06/2020 – 31/12/2021 Chiavari, Italy
SENIOR QA MANAGER HUDL

01/01/2022 – CURRENT Chiavari, Italy
QA DIRECTOR HUDL

● EDUCATION AND TRAINING

1988 – 1993 Rapallo, Italy
MATURITÀ TECNICO COMMERCIALE, RAGIONIERE PERITO COMMERCIALE E PROGRAMMATORE ITCS
Fortunio Liceti

1993 – 2001 Genova, Italy
LAUREA SPECIALISTICA IN INFORMATICA Università degli Studi di Genova

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s): **ENGLISH**

● PUBLICATIONS

2013
[Improving Test Suites Maintainability with the Page Object Pattern: An Industrial Case Study](#)

The page object pattern is used in the context of web testing for abstracting the application's web pages in order to reduce the coupling between test cases and application under test. This paper reports on an industrial case study in a small Italian company (eXact learning solutions S.p.A.) investigating the potential benefits of adopting the page object pattern to improve the maintainability of Selenium WebDriver test cases. After a maintenance/evolution activity performed on the application under test, we compared two equivalent test suites, one built using the page object pattern and one without it. The results of our case study indicate a strong reduction in terms of time required (by a factor of about three) and number of modified LOCs (by a factor of about eight) to repair the test suite when the page object pattern is used.

M. Leotta, D. Clerissi, F. Ricca and C. Spadaro

2013

Repairing Selenium Test Cases: An Industrial Case Study about Web Page Element Localization

This poster presents an industrial case study about test automation and test suite maintenance in the context of Web applications. The Web application under test is a Learning Content Management System (eXact learning LCMS). We analysed the costs associated with the realignment of four equivalent Selenium WebDriver test suites, implemented using the page object pattern and different methods to locate web page elements, to a subsequent release of eXact learning LCMS. In our study, the two ID-based test suites required significantly less maintenance effort than the XPath-based ones.

M. Leotta, D. Clerissi, F. Ricca and C. Spadaro

2013

Comparing the maintainability of selenium WebDriver test suites employing different locators: a case study

Leotta, Clerissi, Ricca, Spadaro