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LAURA MARTÍNEZ SANAHUJA

KNOWLEDGE

Programming languages: Java, Python, C#, Javascript

Automation tools: Selenium, Selenide, Postman, Selenium Grid

BDD Languages and tools: Behave, Cucumber, HipTest, XRay

Version control: GIT (Bitbucket, GitHub, GitLab)

Manual testing

Agile methodologies & tools

EXPERIENCE

TOOLS ENGINEER – KING

June 2020 – Present

Being a tools engineer at King has allowed me to be part in different projects using different technologies

1. Taking part in a PoC to evaluate different Device Farm clouds that fit the company needs
2. Automating the bootchecks for the more important games (mobile applications) from a code-agnostic point of view.
3. Developing several tools to facilitate the usage of test users, as well as the automatic creation of dummy users following certain specifications
4. Developing the frontend side to the community page for all the games to ask for users' feedback
5. Integrating TestFairy into several King games to help manual testers in their bug reports.
6. [WIP] Taking part in a PoC to add AI for mobile games testing.
7. [WIP] Planning and developing a system for internal usage of the Device Farm (agnosticly) using queues.

QUALITY ASSURANCE AUTOMATION ENGINEER – BROKER GENIUS

August 2018 – June 2020

In the beginning, I created from scratch a Java framework working with Selenide and Cucumber to automate the "Smoke Test" functionalities. I also was in charge of teaching the other members of the team some basic Java skills. In order to have better descriptions of the tasks I suggested using BDD so the company had a similar language, and I did some training sessions for the Product team. The BDD was written in HipTest.

Then my responsibilities were automating more manual test cases, supporting the company with automation and testing processes, and being the contact point between the QA team, the developers, and external experts.

I participated in product design reviews to provide input on functional requirements, product design, schedules, or potential problems as well as 3-amigos meetings.

I took part in the selection process for both an Automation Lead and a Senior QA Automation Engineer by preparing the tests and doing the technical interview.

From the beginning of 2020, we started the automation of other features with a Page-Object Model orientation so the code was more maintainable. We also changed from HipTest to XRay, used a

Selenium Grid to run the tests in Jenkins, and created some Jenkins jobs so everyone in the company was able to run the tests. We started also some API testing with Postman to both test the calls and build a set of testing data to decrease the automation errors due to real-time data.

I took part in the manual testing of all the tools that the Data Engineering team created for the visualization of the data. I started working on an automation approach for those tools.

QUALITY ASSURANCE TEAM LEAD – INBENTA

March 2018 – August 2018

Those months I worked on a new Python testing framework with Selenium and Behave, in order to allow everyone in the company to create their own BDD test batteries. The team was small during this time, so I suggested this option to have help from the other teams without the need of having any programmatic knowledge.

I was also in charge of the coordination of the team with the developers and linguists of the company. Among that, I created all the test plans for the new features that were being developed.

QUALITY ASSURANCE ENGINEER – INBENTA

January 2017 – March 2018

I helped with the bug detection process being in contact with the internal clients. I was also in charge of the manual testing for all new features, as well as helping in the development of the testing framework with Java and Selenium in order to start automatizing the testing process.

In the automation field, I tested the RD department features that corresponded to natural language processes so I worked with people from different specialties and from around the world.

RESEARCHER AT CRISES RESEARCH GROUP – UNIVERSITAT ROVIRA I VIRGILI (URV)

November 2015 – October 2016

During this time as a researcher, I did evaluate the suitability of Web Search Engines as proxies for knowledge discovery from the Web. I automated various queries on different WSE using Python and Selenium in order to test them.

I submitted a paper to a European conference related to the topic. Check the Publication section for more information. This paper was presented during the 20th Annual KES Conference in York.

EDUCATION

MASTER IN ARTIFICIAL INTELLIGENCE (2016 - 2019)

Universitat Politècnica de Catalunya (UPC), Universitat de Barcelona (UB), Universitat Rovira i Virgili (URV)

BACHELOR'S DEGREE IN COMPUTER SCIENCE (2012 - 2016)

Universitat Rovira i Virgili (URV)

PUBLICATIONS

Martínez-Sanahuja, L. and Sánchez, D. (2016). *Evaluating the Suitability of Web Search Engines as Proxies for Knowledge Discovery from the Web.*

Available at: http://www.sciencedirect.com/science/article/pii/S187705091631924X

LANGUAGES

Catalan – Native

Spanish – Native

English – Advanced

GENERAL SKILLS

I am a hardworking, easy speech, and communicative engineer who likes challenges and does not easily give up.

In all my work and life experiences I have done everything possible to give the maximum of myself and improve my skills as a professional.

Whenever I meet with an unknown novelty I do everything possible to get immediately update: attending courses, seeking information individually, asking for help from colleagues...

I am eager to learn and I like to work quickly, orderly, effectively, and efficiently to produce a high-quality result. I also like helping colleagues and customers.

I work very well in a team, I have leadership ability and I can adjust myself to new changes.

I like to work side by side with product managers, developers and other testers and QAs to find the best solutions and trigger undefined behaviors as soon as possible.

Whether working individually or leading a team, I try to mark goals and achieve them in a given time valuing the skills, times, and resources available.