Testing , testing, 1, 2, 3 ..

Who is ~~Loana~~ Ioana Chiorean?

I am a QA Team Lead acting as PM now

Mozillian for more than 9 years now

I volunteer also as EU Code Week Amb.

I worked on devices for more than 10y.

Twitter @ioana_cis

lifeofamozillian

I didn't choose the thug life the thug life chose me 😎

moz://a

2 - 10 .. 2 - 10 ..

➔ **Software testing** is an investigation conducted to provide stakeholders with information about the quality of the **software** product or service under **test**.

➔ Is really about reducing risk -

◆ Advocate of user - UX

◆ Software Engineer - coding

◆ Explorer

◆ Scientist - heuristics

◆ Writer / Documentarist

◆ **Jack of all trades**, master of **ALL**!*

* not a bug, it is a feature

"TESTING IS ONE OF THE MOST CREATIVE JOBS YOU CAN HAVE IN IT"

"ADVOCATE OF USERS"

"I DID NOT CHOOSE THE QA LIFE, THE QA LIFE CHOSE ME. AND YES IT IS NOW A LIFESTYLE MORE THAN A JOB"

With great power comes…

What are your responsibilities?

➔ Analyzing users stories and/use cases/requirements for validity and feasibility

➔ Collaborate closely with other team members and departments

➔ Execute all levels of testing (System, Integration, and Regression)

➔ Design and develop automation scripts when needed

➔ Detect and track software defects and inconsistencias

➔ Provide timely solutions

➔ Apply quality engineering principals throughout the Agile product lifecycle

➔ Provide support and documentation

A day in the life of a tester

➔   Coffee

➔   Testing

◆   Exploratory & Automated tests runs

◆   Smokes, Sanity Checks, SignOffs

➔   Features

◆   Close with the dev

◆   Component watch

◆   Test Plan & Health

➔   Bug Activities

◆   Triage, NI, Debugging,

➔   .. more coffee or beer.. or wine..
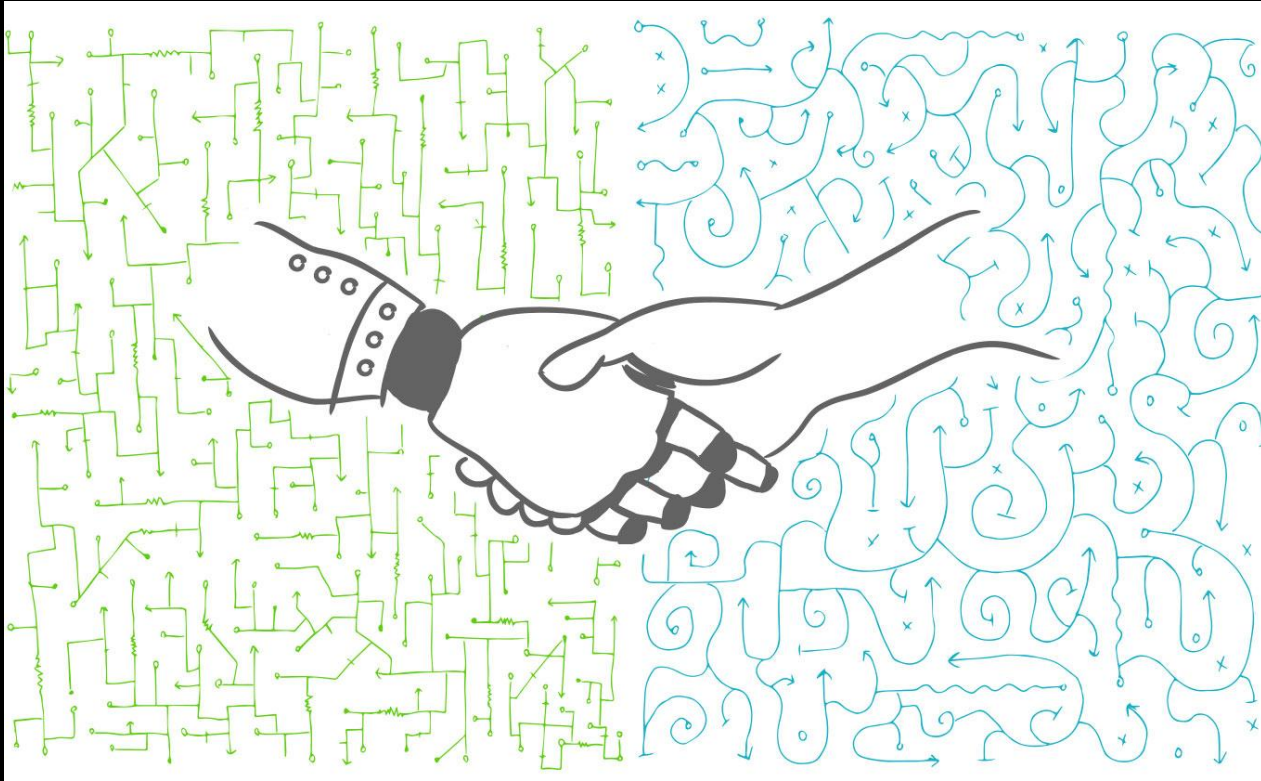
Manual vs Automation

Manual vs Automation

Manual

➔ Black/White/Gray Testing
➔ Functional & Non Functional testing
  ◆ Installation, **Compatibility,** Smoke and sanity, Regression, Acceptance, Alpha, Beta, Continuous, Destructive, Software performance, Usability, Accessibility, Security, Internationalization and localization, Development, A/B testing
➔ Exploratory
➔ Time - as major resource
➔ Human - important resource

Manual vs Automation

Automation

➔ User stories coded and ran daily/weekly/per new buildy
➔ Can not cover undefine user stories
➔ Doesn't get creative on its on
➔ Time - as major resource
➔ Storage & machines/devices
➔ Set of data
➔ Fail test -> ?

It's possible to fly without motors, but not without knowledge and skill

Wilbur Wright

What skills do you need for this role?

→ Attention to details
→ Analytical thinking
→ Independence
→ Proactivity
→ Ownership
→ Logical thinking
→ Creative
→ Continuous learning
→ Efficient communication
→ & so many other…

"It's curiosity."

Don't be the sheep!

Be the ~~wolf~~ fox!

http://webcompat.com/

🐦 @ioana_cis

ioana@mozilla.com

http://bit.ly/Testing-SWM

Let's fix the world one
bug at a time!