QUALITY ASSURANCE

WELCOME TO THE DARK SIDE?

“Testers don’t break software,
software is already broken.”
Amir Gahrai

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OVERVIEW

A couple of the things we will be covering

- What is quality assurance
- What are good skills to have
- How to get into QA

MY BACKGROUND

Previous

Sales
Collections
Customer Relations
Hardware Testing
Hardware Programming
Mainframe Programming
Project Management
Web Programming
Business Analysis
Software Quality Assurance
Security Testing

Shaw) Overwaitea Food Group JPL FC SA ELECTRONICS TEST CENTRE www.etc-mpb.com MIL-SPEC

MPB OpenInvoice digital Oilfield Oildex ADP NORTEL

FORCES.CA

Current

vintri TECHNOLOGIES

Quality Advocate
Test Automation
Policy/Procedure
SOC Audit

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Software Development
Management/QA
Consulting
Automation Training
Test Automation
Penetration Testing

SO, WHAT IS QA?

Executing manual, pre-defined steps from pre-determined lists of scripted checks that will test all possibilities, inputs, and outcomes to make sure that there are no bugs in the software.

Good luck with that! If you can predict all of the places that the bugs will be before hand, why not prevent them from happening in the first place?

QA IS

- Asking questions, not just about software functionality
- Working on the whole process, inception to delivery
- Helping to prevent issues before they happen
- Helping to keep things working as expected
- **Everyone's responsibility**

QA IS NOT

- Criticizing or attacking
- Blocking progress
- Eliminating all bugs
- Preventing failure

NOR IS IT

- ..always easy

> 🌲 *Can't see the forest for the trees* 🌲

- ..for everyone
- ..an assurance of success
- ..an after thought

AN OPTION!

SKILLS & ABILITIES

WHAT MAKES A GOOD QA?

- Communication
- Ability to see issues
- Collaboration
- Varied experience
- Communication
- Curiosity
- Courage
- Communication

TYPES OF TESTING

- User Experience/Accessibility
- Stress/Performance/Load
- Risk based
- Security
- Integration
- Specification
- Standards Based
- Model Based
- End-to-end
- Regression

How do I get into this gig?

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Learn software development
Learn about software requirements
Learn about the full lifecycle
Learn about the users
Learn about psychology
Play, poke, prod, don't be afraid to try
Fail
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WHERE TO GO FROM HERE?

- Software Quality Discussion Group
  - sqdg.ca
  - sqdg.slack.com
- Ministry of Testing
- Utest
- PQA

AUTOMATION!

*Don't re-test yourself - **D.R.Y.***

Thank you!

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Questions?:> _
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