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Summary

An analyst with experience in quality assurance, data validation, a strong technical background and programming skills.

Education

2007-2011

BASc in Honors Applied Science Electrical Engineering (Queen's University, Kingston)

- Queens University IEEE Project Competition: 2ND place- Foot Pressure Sensor Monitoring System
 - Specialized in statistical analysis and simulations, power electronics, power systems and control theory, including courses such as: Electrical Machines, Mechatronics, Electrical Power Systems Design, Robotics and Control Theory
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Skills & Experiences

- Experienced in mobile test design and execution as well as agile software development lifecycle
 - Designing and implementing test cases for both mobile and desktop applications
 - Extensive experience using JIRA and TestRail to track test cases
 - Experienced in testing both standalone applications on mobile, as well as browser based testing
 - Extensive experience in testing web applications for compliance with WCAG
 - Experience in writing automated test cases utilizing Selenium web-driver with Javascript
 - Extensive experience working in an agile team.
 - Programming Language experience: Javascript, CSS, HTML
 - Significant experience in: Microsoft Office (Word, Excel, Access, PowerPoint, Visio), HP/ALM, MySQL, Maple, Robot Framework, Postman, Browserstack
 - Excellent interpersonal skills: ability to deal effectively with people from multiple different teams in multiple different locations
 - Extensive experience turning requirements into test cases
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Career Experience

Ascend FS

April 2018 – October 2020

QA Developer

- Utilizing TestRail and JIRA, I would create test plans, design test cases, and execute tests to ensure conformance with business requirements
- Conduct, functional and regression testing, on both desktop and mobile applications
- designed automated test cases using Selenium web driver with Python
- Using data from our project tracking tool (JIRA) I was able to analyze it and provide the team advanced metrics
- Performed mobile testing on both the 5050 app for android and iOS as well as mobile testing on the 5050 online sales portal
- Design and execute test cases and test suites in accordance with best practices
- Ensure project tasks and assignments were delivered according to expectations.
- Provide effective and timely communication with management and the development team.
- Work with development team, and customer success team to help identify causes of bugs, and help identify what a proper solution should look like
- Work with product managers to ensure that product quality is where it needs to be.
- Perform manual testing for bug fixes and new features as one of 3 QA analysts supporting a team of 18 developers
- Utilize Postman to test API responses
- Help ensure developers design features that match the current desired customer experience
- Verified bug fixes in customer databases by writing SQL queries to pull relevant data.
- Work independently to document bugs and hand off reports to development team

RBC HR&CT**April 2016 – April 2018***QA Analyst*

- Directed designed and managed the execution of all the accessibility and mobile device testing
- Tracked all test cases and bugs using HP ALM
- Drafted, and designed test plans for all accessibility testing as well as the mobile test coverage so that the software met the WCAG requirements
- Utilized tools like JAWS, VoiceOver, and NVDA as well as applications to test for color.
- Managed all QA activities during the QA lead's absence
- Extensive knowledge of the software development lifecycle
- Manage off-shore QA team resources and coordinate efforts with project team
- Leverage technical background to validate large data files, write programs that calculate data differences
- Walk through the QA test results with the QA team and communicate status to Project leaders
- Assist in defect investigation and escalation in all projects
- Work with people in all different types of roles to create Testing plans that are cost effective and ensure that completed projects are stable and defect free.
- Lead Co-op student projects and assist students while working at RBC
- Currently the acting QA lead on several smaller projects
- Utilize several different software tools to help validate accessibility code changes
- Worked within an agile framework depending on the product/project

OTEC Research Limited**January 2015 – March 2016***Engineering and Operations Lead*

- Automated some HR and accounting processes via macros in VBA and Excel
- Database creation and data quality assessment (missing value analysis & imputation, data transformation & integration into database, pattern discovery & data visualization)
- Increased OTEC's revenue by 25% by implementing product diversification strategy
- Client PowerPoint pitch creation and client negotiation strategies which attracted numerous new clients such as 2015 Rogers Cup
- Improved client retention rate by using customer history data models to analyze clients' behavior
- Using existing sales data, implemented a system to maximize each sales member's time with clients and reduce costs

Canusa-CPS**August 2014 - December 2014***Junior Equipment Engineer*

- Started and finished the design and implementation of a new electrofusion unit
- Wrote software model that reacts based on incoming trend data
- Analyzed output data of electrofusion unit and made changes to software to improve efficiency
- Created SOPs for usage of electro-fusion unit as well as details on servicing the equipment
- Completed product performance tests as well as acceptance software testing on all new equipment

Danmare Group Inc.**January 2014 - July 2014***Junior Project Engineer*

- Created and maintained all electrical drawings for bid documents and request for quotations including single line diagrams of switchgear and processes, conduit drawings and demolition drawings
- Managed on site operators and production associates during a PLC retrofit
- Designed control scheme for new conveyor system
- Designed and maintained piping and instrumentation diagrams, and process flow diagrams