

Balwinder Hayer

Lake Forest, CA • (949) 297 - 6501 • US Citizen

Portfolio: <https://balhayer.github.io> Github: <https://github.com/balhayer>

EXPERIENCE:

B.BRAUN INC. - IRVINE, CA

QUALITY ASSURANCE ANALYST - (Manpower Group)

May 2020 – Present

- Develop and maintain automated test cases that ensure comprehensive testing on web-based & desktop softwares.
- Work with various test management tools (i.e. Zephyr, Testlink) and defect & tasks management tools (Jira, Bugzilla)
- Testing processes includes test case design, test data preparation, XML validation and proper storage in QMETRY
- Experience in analyzing Business Requirements, Functional and technical design and extracting relevant test strategies, test plans, test scenarios, test cases, Traceability Matrix, and Test Analysis Report.
- Install and configure recreations of software production environments to allow testing of software performance.
- Experience validation of Sterilizer Load Report (SLR) based on temperature mapping and validates data in EBR
- Experience working with SQL server for extraction of data for manual release for batches using Historian.
- Conducts timely review of associated data in SLR reports generated by Scada/PLC system to support batch release
- Perform initial debugging procedures by reviewing configuration files, logs, and code pieces to determine breakdown source.

SOFTWARE TECHNOLOGY GROUP

QUALITY ASSURANCE MANUAL TESTER

2019 – 2020

- Identified, documented and reported captured bugs, errors, flaws, and other issues with proprietary softwares.
- Responsible for keeping track of Requirement Traceability Matrix (RTM) document for test cases management.
- Manually testing Web-based applications, web-pages and Desktop-based applications for IQ/OQ/PQ protocols.
- Executed manual testing protocol for Educational-based web applications for Math Assessment testing i.e. Aleks
- Expertise in version control system i.e. Github, setting up Linux VMs, and Database administration using SQL server
- Experience working with SoapUI for API testing for functional, load, security, and compliance tests
- Familiarity with REST API testing protocols using tools such as Postman and Document Object Model in browsers
- Coordinate automation testing with the Development and QA team members in an Agile workflow
- Experience working with Qt Python library for creating GUI based test cases for hardware equipment testing
- Regression testing, GUI testing, System testing, Installation testing, Compatibility and Load testing.

EDUCATION:

Bachelor of Science of Engineering in Computer Science

Aug 11

California State University, Fullerton, CA

Associate Degree of Arts & Emphasis of Liberal Studies

Dec 30

Irvine Valley College, Irvine, CA

Test Automation University <https://testautomationu.appitools.com/>

CORE TECHNOLOGIES:

PROGRAMMING: JAVA, C++, JAVASCRIPT, HTML5, CSS3, PYTHON, SQL SERVER, MICROSOFT VISUAL STUDIO

TESTING TOOLS: SELENIUM WEBDRIVER, QTP/UFT, POSTMAN, APACHE JMETER, QUALITY CENTER, TESTNG, CUCUMBER, SOAPUI

OTHERS: SAP, WONDERWARE, MINITAB, EBR, LIMS, CITRIX, QAD, SQMS, EMPOWER, BRACKETS, OFFICE

SIDE PROJECT EXPERIENCE:

BEST FILE SEARCH – Python <https://github.com/balhayer/CPSC362-BestFileSearch>

- Worked in a group to create an extraordinary Windows best file search desktop application using Tkinter library
- Help users to improve work efficiency by reducing the time it takes to find a required file anywhere on the drive
- Application search for keyword and highlight the searched keyword upon opening the any document file.

INVENTORY SHOP – Visual Studio 2019, SQL Server, C++

- Navigated a diverse team of six engineers through brainstorming and designing a sustainable inventory solution
 - Defined deadlines, delegated tasks, and ensured accordance with all design specifications and requirements
 - Performed UI, Unit testing and performance testing upon the completion of the complete software suite
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