

# Ibrahim Allison, MS

Austin, TX 78758 | Phone: 682-262-7372 | E-mail: [ibrola5@gmail.com](mailto:ibrola5@gmail.com)

LinkedIn: <https://www.linkedin.com/in/ibrahimallison/> | GitHub: <https://github.com/IbrahimAllison>

## SUMMARY

- Senior Quality Assurance Analyst with 13 years of experience in manual and automated testing, test lead, and scrum master roles. Proven ability to drive quality and value through technical expertise and soft skills. Expertise in Hardware and Software Testing, including experience in both Manual and Automation Testing (Robot Framework with in-built Python).
- Deep understanding of Child Welfare (Java-based Applications), IBM Power 10 Server, IBM Career Model, Oracle Student Financials, and Healthcare domains. Expert at creating and implementing testing strategies that align with organizational goals and meet project requirements.
- Highly skilled and motivated Mobile Tester with 5 years of Mobile Testing experience. Visionary technology leader and Chief Operating Officer with a proven track record of executing successful product creations and project management. Known for building high-performing teams, facilitating effective communication and collaboration, and driving project success through Agile principles and frameworks.

## EXPERIENCE

**Software Development Partner/SDET**, April 2023 – Present

The Human Experience, Inc. **Round Rock, TX.**

- Cross-fertilize ideas with the CEO as a CTO on contents creation, product vision, accounting, and marketing as well as effective in transforming these ideas into Epics, User Stories, and Acceptance Criteria.
- Coordinate and meet with a team of 4 developers.
- Facilitate the adoption of Agile methodology and scrum ceremonies and ensure that the team prioritize quality product delivery.
- Initiate and maintain strong relationships with stakeholders and partners.
- Advise the CEO on modern web development including front-end and back-end technologies and tools.
- Excel as a product owner and a lead on assigned business and technical requirements by the CEO.
- Utilize AWS for cloud storage as well as GitHub and Gits for version controls.
- Collaborate with Software Testers and assist them in testing Web and Mobile applications.
- Leverage Visual Studio, Git bash, and MySQL to develop and implement SQL queries.
- Assisted with Web App and Mobile Testing as well as ensuring that the Website is responsive to various devices.

**Professional Developments/Unit Testing**, September 2022 – Present

Goodwill Career & Technical Academy and University of Texas at Austin. **Austin, TX**

- Excelled in a hybrid (face-to-face and online) Python programming training program at the Goodwill Career and Technical Academy in Austin, TX, sharpening technical abilities and contributing to the development of innovative projects.
- Successfully started the highly competitive Coding Boot Camp at the University of Texas Austin, showcasing my commitment to ongoing professional development.
- Design, debug, and test APIs using Insomnia (similar to Postman).
- Execute End to End (E2E) Testing using Cypress. Use Heroku for running codes and deployment.
- Leverage a Test-Driven Development (TDD) approach in testing codes before deployment.
- Implement Unit Testing for JavaScript and node.js using Jest testing framework, CLI, and NPM.
- Instrumental in creating Content Management Systems (CMS) by building a command-line application from scratch to manage employees' database using Node.js, Inquirer, and MySQL.

- Performed Unit and System Testing of Web and Mobile Applications.
- Utilize Visual Studio and Git bash to develop and implement SQL queries.
- Stay on the cutting edge of QA, Agile, and Information Technology industry trends by attending training programs, reading industry publications, and actively engaging with online communities.

### **System Assurance Engineer/Test Specialist, April 2022 – August 2022**

Computer Task Group (CTG) | **IBM Austin, TX. Contract**

- Conducted basic function and stress testing on Power System platforms, AIX, and Linux achieving 100% system performance and keeping multiple components of the server busy.
- Automate testing using Robotic Framework and Command Line Interface, reducing testing time by 50%.
- Performed Acceptance Test on new servers received from the manufacturers, ensuring compliance with standards and specifications.
- Implemented good and bad path testing mindsets, achieving 100 % defect-free hardware and software system integration and system assurance.
- Configured and installed IBM Power Systems and hardware, while documenting testing processes and procedures.
- Prepared servers for client's UAT, ensuring their requirements were met.
- Installed, tested, and upgraded code levels for Firmware, Power code, AIX, Linux and HMC, ensuring that all systems were up to date.
- Reduced hardware design flaws by utilizing HTX System Test exerciser for validation and test execution activities, decreasing testing time by 15%.
- Collaborated with the development team to identify and solve problems, debug code, and recreate test steps using Slack, Webex, and Miro, resulting in a 25% decrease in debugging time.
- Tracked and logged defects via ClearQuest defect tracking tool, resulting in fewer product errors and failures.
- Provided timely formal and informal status reports to the project manager, actively involved in the daily scrums and weekly status meetings.
- Laid-off due to financial constraints caused by the pandemic.

### **Quality Control Analyst, December 2019 – February 2022**

Sally Allison & Associates, Remote, Dallas, TX

- Leveraged Jira scrum board to drive delivery and achieve the team's project objective, resulting in a 30% increase in productivity.
- Facilitated effective communication and collaboration among team members, resulting in a 20% decrease in rework and a 30% increase in team satisfaction.
- Fruitfully transitioned the team from a waterfall to an Agile methodology, resulting in a 20% decrease in defects.
- Identify and resolved process bottlenecks, resulting in a 20% decrease in cycle time.
- Implemented a new testing process that resulted in a 30% reduction in testing time.
- Improved project quality standards, reduced project costs, and perfected financial documents, resulting in a 45% increase in customer satisfaction.
- Mentored and trained junior team members, resulting in a 15% increase in their skill level.
- Successfully delivered multiple projects on time and within budget.

### **Test Lead, March 2019 – November 2019**

Epic, LLC. | **Florida Dept. of Agriculture Tallahassee, FL (Contract)**

- Drove successful project delivery by implementing functional testing in a Scrum environment and working collaboratively with developers, product owners, and stakeholders to ensure that the system met business requirements.
- Conducted manual testing on various mobile applications (iOS and Android).
- Performed cross-browser and cross-platform testing.
- Managed and owned the overall UAT initiative on the project, providing top-notch customer service while dealing with client representatives during UAT.

- Utilized scrum methodology to break down functional testing tasks into smaller, manageable pieces, completing testing work during each 2-week sprint and ensuring that the system met the acceptance criteria before moving on to the next sprint.
- Attained 100 % system quality by performing effective system, functional, UAT, and regression testing, resulting in zero critical defects during UAT.
- Utilized Microsoft Team Foundation Server (Azure DevOps) tool for Test Case Management and tracking team's work items, resulting in 60% increased efficiency in test case development and execution.
- Redesigned detailed and simple script writing, resulting in 100% client's acceptance and 70% faster test script development time.
- Developed and executed quality Test Plans approved by the project executive, resulting in 25% reduction in post-release defects and improved overall system quality.
- Presented testing reports to the project executives, resulting in timely feedback and decision making.

#### **Test Lead, September 2017 – December 2018**

IBM Career Model Project, IBM Global Markets Full-time

- Conducted compatibility testing on different mobile devices, screen resolutions, and operating system versions and releases.
- Formulated and maintained testing artifacts, such as test plans, test cases, and test scripts, utilizing Scrum methodology to ensure thorough documentation and easy accessibility.
- Facilitated daily stand-up and other scrum ceremonies with team members to assess testing progress, identify impediments, implement lessons learned, and modify test plans as required, ensuring timely and budget-friendly completion of testing activities.
- Designed 100% cost-effective manual change requests/defects tracking templates using IBM Box with cloud and online updates, contributing to innovative activities as required.
- Led the testing of new functionalities and regression testing for the IBM Career Model project in an agile environment.
- Collaborated with the team to develop test cases based on new or enhanced functionalities as well as perform regression testing to ensure a high-quality product.
- Organized work stream meetings with co-located and offshore test teams across different countries and continents.
- Achieved successful UAT and provided test reports to the project executives, ensuring timely and comprehensive project communication.
- Contributed to a volunteer project within IBM, performing mobile testing of IOS and Android platforms.

#### **Quality Assurance Tester/Mobile Tester, September.2014 – August 2017**

IBM | **Florida Dept. of Children and Families Tallahassee, FL Contract**

- Ensured 100% quality delivery of the solution documents that are presented to the client during the UAT and the Change Authorization Board meetings by meticulously testing complex modules such as Medicaid, Eligibility, Financials, Foster Care, Investigations, Hotline, etc. in an Agile environment with 2-week sprints.
- Managed test data by using SQL to insert, update, delete, and analyze data from the project database and FSFN website/database, creating reports and summaries of test data, and presenting findings to project executives and the client.
- Mobile Test Automation using Selenium.
- Implemented parallel test execution on multiple devices and platforms, significantly reducing the overall testing time and improving the efficiency of the QA process.
- Tested the FSFN Website for 508 ADA compatibility using SortSite, ensuring that it met accessibility standards such as WCAG 2.0 (Web Content Accessibility Guidelines).
- Adopted Agile and Scrum Methodologies in the Project Phases of the FSFN project.
- Led testing efforts for the Maintenance and Operation section of the project, reviewing Change Requests and Root Cause Analysis/Solution Documents and performing regression testing.
- Promoted to a leadership position within IBM.
- Supported the Project Executive and Project Management Office by preparing Maintenance and Operations Reports.
- Served as the Test Lead for the Amendment 7 Project Phase, adopting scenario testing for

- both positive and negative testing of the ETL query/reports and the FSFN system.
- Created and executed Test Scripts using IBM Rational Quality Manager tool.
- Peer-reviewed Design Document for the Supported Platform initiative phase.
- Documented system defects within the IBM ClearQuest tool (like JIRA).
- Participated in Design Sections and assisted the Business Analysts team in reviewing and developing Functional Specifications (Topic Papers).

### **Accounting Specialist and Program Compliance Analyst, Oct. 2011 – Sept. 2014**

Florida State University, Tallahassee, FL Full-time

- Compliance with the Federal Title-IV reporting requirements.
- Interpreted Federal regulations and procedures and made recommended changes, as necessary.
- Designed information policy for identifiable information for my section, ensuring that students identifiable and confidential information are protected.
- Produced scenario testing and flow charts for the Federal Title IV program.
- Coordinated Campus Solution (Student Information systems) scenario and system testing.

## **EDUCATION**

### **Certificate in Full-Stack Web Development**

#### **University of Texas in Austin, Austin, TX, April 2023 – October 2023.**

Area of Concentrations include: HTML5, CSS, Git, GitHub, Command Line Interface, JavaScript, Bootstrap, The DOM, APIs, jQuery, JSON, AJAX, Node JS, ES6, OOP, Express JS, SQL, MySQL, MongoDB, Sequelize, PWA, React, NoSQL, MERN Stack, Regex, and Computer Science.

### **Certificate in Python Programming**

Goodwill Career & Technical Academy, Austin, TX, October 2022 – January 2023.

### **Master of Science in Information Studies/Systems.**

#### **Florida State University, Tallahassee, FL, August 2009 – August 2011.**

Strong Concentrations in: Information Systems Management, Information Security, Project Management, Information Technologies, Marketing, Open-Source Software, Leadership, Management, Health Information Sources, and Information Policy.

### **Bachelor of Science in Management.**

Florida State University, Tallahassee, FL, August 2007 – August 2008.

## **CERTIFICATIONS**

**Certified SAFe 5 Scrum Master**, Scale Agile, Inc. July 2022

**IBM Agile Explorer**, Digital Badge Issued by IBM, July 2022

**Certified Pharmacy Technician, CPhT** Expired.

## **SKILLS**

- Agile Methodologies. VS Code and Sublime Text.
- Mobile Testing (IOS, Android).
- Trello, Jira, Azure DevOps, Confluence, Miro, and Slack.
- Testing (Manual and Automation). IBM ClearQuest, IBM RQM, qTest, Zephyr, and Jest.
- Robot Framework. Selenium, TestRail, TestNG, Insomnia.
- Python, SQL, HTML, CSS, JavaScript, Linux, and Windows.
- Git, GitHub, Git Bash, CLI, and Heroku.
- Node.JS, Inquirer, and MySQL