

## TOM ISLAM

Seattle, WA | ph. 214 620 7998 | email: tomislam86@gmail.com | web: <https://tomislam.com> | Status: Permanent Resident

### Professional Summary

Highly seasoned and accomplished Software QA Engineer with deep and broad proficiency in all types of corporate software. Able to function well independently or as part of a team. Able to specify and employ quality testing procedures for various stages of the Software Development Life Cycle (SDET) or product life cycle (PLC). Able to design test plans, test cases and test data based on business/functional requirements. Able to create and execute automated test scripts using testing software programs. Able to track, log and report defects using defect management tools. Strong and accessible teacher and presenter of difficult and complicated material to a variety of professional and non-professional audiences.

### Areas of Expertise

Category Name	Tools
Automation testing Tools	Anite, Anritsu, R&S CMW 500, Cucumber, Appium, Selenium
Programing Languages/Command line interface	Android, Python, R, C, ADB, Unix, Linux, Shell Scripts.
Databases	My SQL, PostgreSQL, IBM DB2
Debugging, API and Packet/Log analyzers	QXDM, Wireshark, Logcat, Charles Proxy, Postman, QPST
Project/Quality Management Software	Asana, Trello, Jira
Python Packages for Data Science Projects	Pandas, NumPy, BeautifulSoup4, Keras, TensorFlow, NLTK, Scikit-learn, Matplotlib, SciPy, Seaborn, Plotly.
Data Visualization tools	Microsoft Power BI, Tableau
Integrated Development Environments	Pycharm, VS Code, Android Studio, xCode, Ruby Mine
Version Control Tools	GIT, Github, Jenkins
Web Servers	NginX, Apache, Unicorn
Methodologies	Agile, Waterfall, Scrum, Sprint
Cloud Computing Technologies	Google Cloud Platform, AWS EC2, IBM Watson.

### All Projects

<https://www.tomislam.com/data-science-projects-part-1/>

<https://www.tomislam.com/data-science-projects-part-2/>

Github: <https://github.com/bornohin>

LinkedIn: <https://www.linkedin.com/in/bornohin/>

Kaggle: <https://www.kaggle.com/bornohin>

Personal Website: <https://www.tomislam.com/>

### Career History (Most Relevant First)

**Samsung Mobile (BTI Solutions) – Bellevue, WA | May 2019 – Current**

***Software Quality Assurance Engineer (Android/Python)***

- Python is preferred scripting language.
- Test Planning & Execution: Primarily focused on writing and executing test cases for testing of new product requirements and any production software or system/platform changes.
- Appium Studio is used for go-to tool for automation. This can run both real and simulated devices for both Android and iOS. It can create scripts which is further customized according to needs.
- Running Automation tests on real Android devices. Responsible for making sure the Wireless Emergency Service is working regardless of OS builds. These scripts follow a good example of Page Object Model.
- Ad-hoc scripts are developed often for new upgrades and app updates to verify certain scenarios.
- Experience in Smoke, Regression, Exploratory, Accessibility, New feature, Integration testing.
- Familiar with Windows 10, Unix and Linux platform and able to test cross-platform applications.
- Experience in Functional and Non-functional testing, Performance benchmarking, Compliance verification testing.
- Participate in all aspects of a full-lifecycle development methodology, and related quality concepts and processes.

- Experience communicating with technical and non-technical stakeholders.
- Manage Bug Triage Process and ensure all issues are handled efficiently per process.
- Provide timely status updates and assist the team in making decisions about release readiness.
- Ability to collect crash logs on windows platform using RDX.
- Familiar with Cucumber, Appium, Selenium and Jenkins for an end-to-end automation process.
- Create Automation Test Scripts when necessary. Able to perform complicated manual tests.
- Understanding of call flow of 5G/LTE RAN network architecture.
- Lab environment includes but not limited to tools like SAS, SAS LTE, Anritsu, Anite, R&S CMW500, Keysight etc.
- Knowledge on cloud-based automation and virtualized platforms for vRAN applications.
- Develop, maintain, and execute test scripts and test cases and execute tests to validate new features.
- Other tools used but not limited to QXDM, Knox, Wireshark (packet tracer tools like (Charles Proxy or Fiddler), Odin, ADB cmd, Logcat, QPST etc.

## **T-Mobile (Verge Mobile) – Beaumont, Texas | December 2018 – May 2019**

### ***Mobile Phone Associate***

- Helping customers pick up right where they left off in their shopping journey, whether online, through Customer Care or in-store.
- Exploring individual needs and providing hands-on demonstrations of the latest and greatest technology in-store. Guide your customers through their purchasing experience thoughtful questions, informative answers and sharing your expertise. Approaching service and sales needs with patience, honesty, and empathy.

## **GameStop – Beaumont, Texas | August 2018 – December 2018**

### **SGA**

- One of the key holders, responsible for IMS, quality service and sales.
- An adviser with great sales records and was able to become certified in record time.
- Accounting and public relation.

## **Kilgore Industrial – Beaumont, Texas | March 2015 – July 2016**

### ***Project Control Analyst***

- Led several projects from the scope to commissioning and start-up of the new investment ranging from 20 to 250 employees.
- Identified project phases and elements and help assigned personnel to various Mechanical, Civil, and Electrical Engineering projects. Improved quality by 29%, cut lead times 18%, cut costs 35%.
- Managed the “Learn by Benchmarking” project. Created opportunities for 10 change-leaders to travel to other facilities. These employees then returned to share best practices with peers.
- Worked on projects which involves installation of power supply, pipes, building blast walls, tank cleaning, labor supply, excavation etc. with companies like International Paper, Gerdau, AkzoNobel, MeadWestvaco, Total refinery, Golden Pass LNG, Lanxess, Shell, Texas Park, and Wildlife etc.

## **BHWCS – Beaumont, Texas | March 2014 – March 2015**

### ***Project Engineer Intern***

- Developed project objectives by reviewing project proposals and plans, conferring with management.
- Used Microsoft Project to develop and review Estimates/Schedules/Construction Packages/etc.
- Worked with veterans and school-age foster kids in some areas of Texas, Arizona, and California to provide them with housing, medical care, education, and jobs.

## **Akshor Soft – Dhaka, Bangladesh | March 2008 – June 2011**

### ***Web Developer***

- Designed and developed user-friendly website, including optimized check-out page that increased user clicks, and subsequently customer purchases by 20%.
- Was involved in full lifecycle of software development for numerous projects with 100% on-time delivery.
- Implemented server and database optimization. Made sure the client is happy with aesthetically pleasant websites with requested functionality while maintaining the web design trends.
- Designed processes for cleanup and performance improvement with various web testing tools.
- Software and tools used but not limited to Dreamweaver, Photoshop, Illustrator, Selenium, PHP, HTML, CSS, SQL,
- Customized templates and worked on cms and blogs, worked as a E2E developer for most static websites with clients mostly from USA, Canada and New Zealand.