




Ali Al-Hassan

Quality Control Engineer

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 Maadi - Egypt

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Objective

Quality Control Engineer with over 5 years of experience in hardware quality and server components. Specializes in data-driven problem-solving and statistical analysis. Noted for leading quality improvement initiatives, and enhancing system reliability and performance.

Work Experience

Concrete and Soil Quality Laboratory Engineer

Feb. 2020 till Now

BENI MISR Office, Engineering Consultations, Soil and Concrete Tests

Roles & Responsibilities:

- Developed and executed manual test cases and test automation scripts.
- Authored comprehensive reports detailing production trends and quality metrics, guiding strategic decisions across the department.
- Coordinated root cause analyses of high-severity problems, mitigating risks and preventing Recurrence in over 95% of cases.
- Create test designs that cover all possible testing scenarios and types (-ve, Complex, Concurrent, +ve).
- Write clear, detailed, and well-structured test cases.
- Perform testing on various platforms and environments (web, web services, API, and mobile).
- Evaluate the product to identify potential areas of failure effectively.
- Analyze user stories, use cases, and requirements for validity and feasibility.
- Conduct all levels of testing (system, integration, and regression) and related activities such as bug reporting, retesting, root-cause analysis, regression testing, and acceptance testing.

Laboratory Manager

Company: **ORASCOM Construction**

Projects Name: Abu Rawash Wastewater Treatment Plant,

Roles & Responsibilities:

- Manage all laboratory operations on-site to ensure quality and compliance with International standards.
- Coordinate between different teams to ensure the required quality is achieved at All project stages.
- Studying the earth's crust and various materials by collecting soil samples and conducting laboratory tests on them to know the properties of the soil and making a report on that, which is useful in the process of constructing buildings.

Laboratory Manager

Mountain View Extension 1 Project

Roles & Responsibilities:

- Planning and conducting geological surveys,
- Analyzing data,
- Studying natural resources,
- Assessing environmental impacts, and writing reports.
- Collaborate with other scientists, engineers, and stakeholders on geology-related projects.

Quality and Geotechnical Engineer

Company: Kamal Sharobeem Consulting Office

July. 2019 until Jan. 2020

Roles & Responsibilities:

- Plan geology projects (e.g. ore extraction) and field sampling events
- Survey sites and create logs (e.g. borehole) and maps using GIS
- Gather and analyze geological data
- Coordinate research programs
- Examine the composition of samples and specimens
- Measure and test fossils, rocks, soil, ores, and other materials with the proper instruments (e.g. X-rays)
- Write reports on findings
- Conduct quality control on the suitability of material (e.g. metals for industry purposes) and inspect projects
- Consult on various geology-related issues like waste management, resource management, ore extraction techniques, and more
- Ensure environmental and other regulations are met in construction and production projects

Training & Courses:

- Occupational Health and Safety Specialist for Factories Course.
- Occupational Health and Safety Specialist for Construction Sites Course.
- Data Analysis Course.
- August 2018: Two-week field trip to SUKARI Gold Mine.
- August 2017: One-week field trip to MISR Phosphate Company.
- September 2018: Intern at GUPCO Petroleum Company.
- August 2017: Intern at the Egyptian General Petroleum Corporation.

Technical skills:

- Problem Solving
- Statistical Process Control
- Stress Management
- Collaboration
- Industrial Safety
- Hardware Quality Assurance
- Hazard Identification

Education

- Bachelor of Science, Major: Geology- Ain Shams University. 2015-2019

Language Skills:

- Arabic: Mother Language
- English: very good

Computer skills:

- MS-Office
- Email communications
- Online research
- Using databases
- Presentation Skills
- Photoshop
- Geosystem Software
- Surfer 2012

Personal Info:

- D.of.B: 2 Sep 1997
- Military: Finished