



Alaa Bihi

Lab Officer

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Sharjah, United Arab Emirates

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Focused Lab Officer & Chemist who is adept at working within collaborative environments to supervise, maintain and upgrade the laboratory facilities, support faculty and students who are using them..

WORK EXPERIENCE

Lab Officer

University of Sharjah

02/2021 - Present

Tasks

- Prepare and maintain the Laboratories, and ensure that all equipment is properly functioning.
- Prepare the lab beforehand for lectures, demonstrations, workshops as well as support faculty members.
- Provide technical support to lab users and assist in lab hardware/software usage.
- Ensure and reinforce follow through of safety standards and protocols in the laboratories.
- Participate in invigilating student examinations, and co-instructing practical sessions.
- Maintain and update the laboratory inventory by ordering laboratory equipment and consumables as per required.
- Oversee the cleanliness, tidiness and safety of the laboratories at all times.

Research Assistant

University Of Sharjah

02/2019 - 01/2021

Sharjah, UAE

Tasks

- Prepared chemical solutions for products or processes, following standardised formulas, or created experimental formulas.
- Set up and conducted chemical experiments, tests, and analyses using techniques such as chromatography, spectroscopy, physical or chemical separation techniques or microscopy.
- Recorded data, maintained source documentation and presented results to senior research staff.
- Cleaned and maintained equipment in good working order.
- Calibrated the instruments used as well as developing solutions to problems faced during research.

EDUCATION

BSc in Chemistry

University Of Sharjah

02/2015 - 12/2018

Sharjah, UAE

Courses

- Relevant courses: Organic Chemistry I & II, Inorganic I & II, Homogeneous Catalysis, Biochemistry, Physical Chemistry I & II, Electrochemistry, Polymer Chemistry, Environmental Chemistry and Instrumental Analysis.

SKILLS

Research & analysis

Data collection & analysis

Knowledge in Wet Chemistry

UV-VIS

Chromatography

Lab safety

Technical Writing

Critical Thinking

Good Written/Oral communication

Proficient in MS Office

QC Analysis

Scientific and numerical skills

GC-MS & IR

NMR & DLS

Teamwork & flexibility

Patience and determination

HONORS AND AWARDS

Best Project Award (02/2018)

Fifth Chemistry Festival (Green and Sustainable chemistry) during the UAE Innovation Month

ORGANIZATIONS

University of Sharjah (02/2019 - Present)

Research Assistant

Sharjah Municipality (06/2018 - 08/2018)

Chemical Analyst Intern

LANGUAGES

Arabic



English



Somali



INTERESTS

Research

Science

Volunteer work

Traveling

Music