

Sana Ghazi El-Khader

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Dear Sir/ Madam:

Please consider my qualifications for available position within your portfolio. I hope that an opening is available on your team and I would seriously like to be considered as a candidate.

With several years of experience in Water and Environmental Chemistry Research. I am confident I will make a significant contribution at your firm.

What makes me different from other applicants?

I am self-motivated and dependable .

I have demonstrated poise and confidence while speaking and presenting .

I easily establish excellent rapport with others .

If, after review of my resume, you would be interested in conducting an interview, please feel free to contact me at my cellular phone number or by e-mail. I am very eager to meet with you and explore the possibility of utilizing my experience and knowledge to benefit your portfolio.

I look forward to speaking with you personally concerning my qualifications. Please call me, at your convenience, to arrange an interview.

Thank you for your time

Sincerely,
Sana' El-Khader.

□ **Education: -**

- Graduated Study (2007-2011): Master degree in Land, Water and Environment – University of Jordan with average of (3.69 out of 4) rating (Excellent). - **Thesis title: Impact of Crop Type and Soil Moisture Content on Radon Emission from Soil.**
- Under graduated study (2002-2006): BSc degree in Land, Water and Environment – University of Jordan with an Average of (3.45 out of 4) rating (Very Good).
- High School (2001-2002): The Scientific Stream.

□ **Employment History: -**

Mar, 2017 – Present

The University of Jordan (UJ).

- **Monitoring and Evaluation (M&E) Specialist.**

Rooftop gardening and Hydroponic unit installation at International Roots for Consulting and Agricultural Technology Est.

- **Senior specialist**

Water use efficiency and re-use specialist and Agricultural practices at International Roots for Consulting and Agricultural Technology Est.

2015 – Mar, 2017:

The University of Jordan (UJ).

- **Teaching Assistance:**

Worked as a lecturer (General Chemistry, Analytical Chemistry, and Organic Chemistry), Department of Chemistry- Faculty of Science.

2010 – 2015:

The University of Jordan (UJ).

- **Teaching and Research Assistance:**

- Worked as a lecturer (Environmental Soil Chemistry).
- Worked as re-search assistance in project concerned with water polluted with
- Radium: (Impact of long term Irrigation with Radium-Enriched Disi Aquifer Water on the element Distribution in Soil Profile and Uptake by Plants).

2008- 2010:

The University of Jordan (UJ).

- **Research Assistance:**

Assessment of air quality (Air, Water and Soil Radon measurements).

2007- 2008:

- **The University of Jordan (UJ).**

Lecturer (Soil Fertility) Land, Water and Environment Department.

□ **Publication :**

T.M. Abu-Sharar, N. Bani Hani, S. Al-Khader, 2014. Boron adsorption–desorption characteristics of irrigated soils in the Jordan Valley. Geoderma Regional 2-3, 50–59.

□ **Languages:**

Arabic, English.

□ **Technical Skills Summary:**

- Microsoft Office: (Word, Excel, PowerPoint, Access, Outlook).
- Typing (Arabic, English).
- International Computer Driving License (ICDL)
- Statistical Package for Social Sciences (SPSS).

□ **Communication Skills:**

- Presentation
- Teamwork
- Meeting

□ **Professional Development:**

- Training course in Agricultural Research Center - Al-Ghour, (17/2/2006- 24/5/2006)
- During my work, I have gained a technical experience in laboratory work as well as excellent skills of the field work, for example:
 - Collecting soil, water and plant samples
 - Preparation of samples for analysis
 - Preparation of chemical solutions and reagents used in the analysis.
 - Operation and calibration of different instrument for analysis such as spectrophotometer, flamephotometer, atomic absorption spectrophotometer, high performance liquid chromatography (HPLC), Gas chromatography (GC), gamma ray spectroscopy, PH meter, EC meter, kjeldahl Digestion, balance and centrifuge).
- Conducted several different types of analysis in the lab such as physical and chemical for soil and water as well as plant analysis. These analyses are the followings:
 - Physical analysis of soil: Determination of soil texture, particle density and bulk density
 - Chemical analysis of water and soil: Determination of chemical soil analyses such as (Soil salinity, electrical conductivity, and pH. , total calcium carbonate, soluble calcium and magnesium carbonate and bicarbonate, cation exchange capacity (CEC), soil organic matter total nitrogen using kjeldahl Digestion method, soil available phosphorous potassium (soluble, available), soil micronutrient, soluble (sodium, chloride), soil boron, soil sulfur.)
 - Radium determination using gamma ray spectroscopy
 - Determination of radon in soil, water and air using CR-39 paper.
- Plant chemical analysis and root parameter analysis (root length density, and specific root length)
- Pesticides analysis using HPLC and GC.