ARWA AL MAHASHEER MASTER OF SCIENCE IN GENETICS

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OBJECTIVE

I'm an ambitious individual looking to broaden my career path. My background lays mostly in genetics, microbiology, bioinformatics, and environmental sustainability. However, I'm open to new challenges within any industry and willing to work hard to each target set for me. I enjoy contributing new ideas, an excellent team player able to work well under pressure, and I understand the importance of time management.

WORK EXPERIENCE

January 2023- Present	Al Suhaimi Environmental Consultancy Quality Specialist.
November 2023- January 2023	3 Al Suhaimi Group Holding Administrative Assistant at the Department of Environment and Agriculture.
January 2022- June 2023	Palm and Dates Research Center. Laboratory Analyst.
	Quality Control of Water and Food Products.
	Research Projects: Biological Control of Agricultural Crop Pests by Using
	Pathogenic Microbes.
June 2021- July2021	Institution of research and medical consultations. Research Intern at the Department of Stem Cell Biology.
January 2019- March 2019	Basic and Applied Scientific research Center. Research Assistant at the Department of Microbiology.

EDUCATIONAL BACKGROUND

May 2018

April 2022	Master of Science in Genetics
	Imam Abdulrahman Bin Faisal University
	GPA: 4.87 out of 5

Bachelor of Science in Biology

PATENTS

- US patent published: Almahasheer, A., Mahmoud, A., El-Komy, H., Alqosaibi, A. Enigneered keratinases derived from *Bacillus cereus* and enhanced methods for biodegrading feathers and other keratin-containing materials. (US Patent under processing for granting).
- US patent published: Almahasheer, A., Mahmoud, A., El-Komy, H., Alqosaibi, A. Keratinase Compositions (US Patent filed and under processing for granting).

CERTIFICATES

- Outstanding Work Performance Presented by Palm and Dates Research Center on the October-2022.
- Best 2nd Scientific Poster in Biology Department on the February-2022.
- > Bachelor's Degree- Scientific Excellence Awards on the 2016-2019.
- Bachelor's Degree with Second Honor on the May-2018.
- Participated as a Trainer in the Workshop of Basic Techniques in Molecular Biology and Biotechnology on the March-2022.
- Participated in Completing the Rehabilitation of the Laboratories of the Palm and Dates Center in Al-Ahsa to Obtain ISO 17025 on the February-2022.
- ▶ I Have Been Part of Undergraduate Summer Training Program on the Junary-2022.
- > I Trained Research Assistants in Basic Microbiology Technics on the April-2022.
- General Requirements for the Competence of Testing and Calibration Laboratories ISO/IEC 17025:2017 on the November-2022.
- Application Training on Pesticides Residues Analysis in Food Using Waters XEVO TQD LC-MS/MS on the March-2022.
- Application Training on Food Analysis by Perkin Elmer UV/VIS 465 Spectrophotometer on the September-2022.
- Application Training on Food Analysis by Waters Alliance High Performance Liquid Chromatography (HPLC) on the December-2022.

PUBLISHED REFERRED SCIENTIFIC RESEARCHES

- Novel Feather Degrading Keratinases from *Bacillus cereus* Group: Biochemical, Genetic and Bioinformatics Analysis on the January-2022, https://doi.org/10.3390/microorganisms10010093.
- Impact of Poly (Styrene–Acrylic Acid) Latex Nanoparticles on Colorectal and Cervical Cancer Cells on the June- 2021, https://doi.org/10.3390/polym13132025.

CONTRIBUTION TO SCIENTIFIC WEBINAR

- ➢ 4th international conference on "Applied Microbiology and Beneficial Microbes" on the November-2022.
- The Second International Webinar on Science, Sustainable Development and Ecosystems in KSA on the February-2022.
- > 2nd International Webinar on Cancer Research and Oncology on the August-2021.

LANGUAGE PROFICIENCY

Arabic: Native.

English: IELTS Academic 7.0 out of 9.0 (C1).