

HOUDA ALABDALLAH

LECTURER-HACCP & ISO22000 IMPLEMENTATION PROJECT SUPERVISOR AND LABORATORY TECHNICIAN

Gender: Female

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OBJECTIVE

A highly committed, skilled, and motivated individual with expertise spanning Biochemistry, Biotechnology, and Food Safety and Quality Control, holding double Master's majors.

Excels in both following directions from supervisors and taking initiative to work independently when required.

Meticulous attention to detail, coupled with a flair for creativity and adept multitasking abilities, underscores an exceptional work ethic.

Driven by a profound eagerness for professional advancement, I aspire to become a certified auditor for ISO/IEC 17025 and ISO 14001 requirements. Additionally, I aim to contribute my expertise to the Research and Development departments of leading food companies. My aspirations extend to joining a pioneering research laboratory where they envision pursuing a PhD degree.

SKILLS

Language:

English, French, Arabic

Computer:

Word, Excel, PowerPoint, Chemdraw, STATA, Zotero, Scientific research, AI applications, Data base

Laboratory technical skills:

HPLC, GC, ELISA, DNA extraction, electrophoreses, PCR, spectrophotometer, Bacteria culture, Extraction of biochemical compounds, Separation techniques, dosage and pipetting, distillation, centrifugation, API 20E, ...

Quality control skills:

Auditing, sampling, checklist writing, FSSC22000:2018 requirements, ISO 22000:2018 requirements, HACCP, PrPs, implementation of food safety management systems, etc...

EDUCATION

Master degree/ Food microbiology, safety and quality, Lebanese University, Faculty of Public Health

September 2019 - December 2020

I've earned 60 credits, showcasing my dedication to academic excellence. My thesis project involved the creation of a comprehensive checklist based on the technical specifications outlined in ISO 22000:2018 requirements. This endeavor also included a detailed study assessing the degree of compliance of a Lebanese restaurant with these stringent standards. Throughout this academic journey, I acquired invaluable skills in conducting GAP analysis, formulating actionable plans, designing recall and emergency mitigation templates, and much more. These practical experiences have not only enriched my academic understanding but have also equipped me with hands-on expertise crucial for real-world application in the field of food safety and quality assurance.

master degree/ Biotechnology applied on human, LEBANESE UNIVERSITY, DOCTORAL SCHOOL OF SCIENCES AND TECHNOLOGY: AZM CENTER FOR RESEARCH IN BIOTECHNOLOGY AND APPLICATION

September 2009 - August 2012

I have earned a total of 125 credits, with a focused distribution of 65 credits in the first year dedicated to general biochemistry and an additional 60 credits during the second year specializing in biotechnology. Among the diverse array of subjects studied, toxicology, cancerology, pharmaceutical biotechnology, and agricultural biotechnology captivated my interest the most. For my thesis project, I embarked on the fascinating endeavor of extracting biochemically active molecules from a Lebanese plant called "Capper," followed by a rigorous screening of their biological activities. This hands-on research experience not only deepened my understanding of biochemistry and biotechnology but also honed my proficiency in various laboratory techniques. Throughout this academic journey, I not only mastered essential techniques expected of every technician but also delved into more advanced methodologies. This process not only cultivated my analytical thinking but also nurtured my innate creativity, fostering a well-rounded skill set essential for tackling complex challenges in the field of biochemistry and biotechnology.

Bachelor's degree/ Biochemistry, Lebanese University, Faculty of Sciences

September 2006 - October 2009

During three years, I successfully completed a rigorous academic program, accumulating a total of 180 credits. This comprehensive degree not only broadened my understanding but also deepened my knowledge across a spectrum of disciplines including immunology, genetics, molecular biology, microbiology, biochemistry, and enzymology, among others. Throughout this intensive academic journey, I dedicated myself to honing various aspects of my

CERTIFICATIONS

2024: ISO/IEC 17025 for laboratories
Obtained from Business Horizon- Lebanon

2023: Artificial intelligence for educators
Obtained from Mahara Tech- Lebanon

2021: FSSC 22000 V5 ISO 22000:2018 Food Safety Management System Certified auditor/Lead auditor.
Obtained from SGS- Lebanon

2018: Techniques of Microbiology and Biochemistry analyzing methods formation.
Obtained from Tripoli chamber of Commerce, industry and agriculture.

2017: Academic IELTS

2009: Molecular Cloning Formation
Obtained from Middle East Institute of Genetics and Biotechnology (MEGBI)

academic and professional development. Notably, I significantly refined my research acumen, fine-tuned my laboratory techniques, and acquired essential skills such as critically analyzing research articles and proficiently presenting projects. These experiences have not only enriched my theoretical knowledge but have also equipped me with the practical skills necessary to excel in both academic and professional realms.

WORK EXPERIENCE

Lecturer, VOCATIONAL INSTITUTE OF RASNHACHE
LATE2023 - NOW

As an educator, I have the privilege of teaching a diverse range of courses including Food Technologies, Microbiology, General Sciences, and General Biochemistry. Through this experience, I've not only shared my expertise but also continuously enriched my own understanding.

Quality control, CEDAR'S PREMIUM FOOD AND BEVERAGE SAL
2022 - 2022

My responsibilities encompass a multifaceted role that includes conducting on-site audits, meticulously collecting water samples, and managing the intricate process of invoicing for laboratories engaged in chemical and microbiological testing, particularly for carbonated filter seller companies. In addition to these core duties, I am deeply involved in crafting and refining procedural documentation for a variety of tasks. Whether it's outlining step-by-step procedures for water sampling protocols or establishing comprehensive guidelines for auditing processes

Lecturer and project supervisor, VOCATIONAL INSTITUTE OF TRIPOLI
2014 - NOW

My role encompasses a dynamic array of responsibilities, where I impart knowledge through courses covering a breadth of crucial topics such as foodborne illnesses, epidemiology, food microbiology, food safety management systems, and clinical microbiology. Additionally, I am actively involved in supervising HACCP and ISO 22000 implementation projects, ensuring stringent adherence to industry standards. Furthermore, I play a pivotal role in educating students within the medical analysis division, where I provide comprehensive instruction on laboratory safety procedures, equipment operation, and fundamental chemical analysis techniques. Additionally, I lead onsite training sessions for aspiring food inspection students, equipping them with the practical skills and knowledge necessary for success in their field. Teaching college students presents a unique set of challenges, demanding a delicate balance of staying abreast of the latest scientific advancements while simultaneously captivating and engaging students during lectures.

Elementary teacher, ELEMENTARY PUBLIC SCHOOL OF RASNHACHE AND ELEMENTARY PUBLIC SCHOOL OF EL-HERI
2012 - 2014

My experience teaching biology and physics provided invaluable insights into the diverse array of teaching techniques that fostered not only academic understanding but also the development of analytical thinking among students. Through this role, I dedicated myself to cultivating an environment where creativity thrived and students were eager to engage in the learning process. By implementing various teaching methodologies, I aimed to cater to the individual needs of each student, encouraging them to explore concepts deeply and develop critical thinking skills. Moreover, I prioritized creating a supportive atmosphere that inspired curiosity and a genuine enthusiasm for learning. Throughout this journey, I recognized the importance of nurturing not only academic growth but also fostering a love for learning that extends beyond the classroom.

2006 - 2010

Proficient in the operation, cleaning, and maintenance of a wide array of laboratory equipment, I ensure optimal functionality to support seamless scientific experimentation and analysis. Alongside equipment management, I am well-versed in the proper handling and storage protocols for chemicals and materials, prioritizing safety and adherence to regulatory standards at all times. In addition to technical proficiency, I am committed to fostering a culture of safety in the laboratory and within the institution. This includes meticulously outlining and enforcing safety rules and procedures to mitigate risks and promote a secure working environment for all personnel. By prioritizing safety awareness and vigilance, I aim to uphold the highest standards of laboratory safety and ensure the well-being of all individuals within the academic or professional setting..

REFERENCES

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