



Maria Sassya

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Occupational Health Specialist

Summary

Dedicated and detail-oriented public health graduate seeking a position as a Health and Safety Consultant or Safety Auditor. Committed to promoting occupational health standards and enhancing workplace safety through thorough risk assessment, policy development, and compliance with regulatory frameworks. Eager to leverage strong analytical skills and hands-on experience in health and safety practices to contribute to safer work environments.

Key Competencies

Occupational Health and Safety, Risk Assessment, Regulatory Compliance, Data Analysis, Public Health Research, Policy Development, Emergency Preparedness, Communication Skills, Training and Development, Quality Assurance.

Professional Experience

BETOMIX-Lb, Lebanon

Sep. 2025 – Dec. 2025

Occupational Health and Safety Intern

- Contributed to creating a safer workplace environment by assessing occupational risks and observing daily operations to ensure compliance with safety standards.
- Assisted in developing and implementing comprehensive Hazard Identification and Risk Assessment (HIRA) protocols to inform safety policies.
- Supported regulatory compliance with OSHA, ILO, and ISO 45001 standards, helping to enforce best practices within the organization.
- Drafted and promote safety policies and procedures, focusing on proactive measures based on the Hierarchy of Controls to mitigate workplace hazards.
- Engaged in training sessions to educate staff on health safety regulations, emergency procedures, and the importance of maintaining a safety-conscious culture.
- Developed an Accident, Incident and Near-Miss Investigation System and implement improvements to reduce recurrence of workplace accidents

University of Balamand, Lebanon

Oct. 2023 – Jun. 2025

Graduate Research Assistant

- Conducted house visits to collect data for the EELI study, focusing on prenatal and postnatal factors affecting infant health concerning air pollution.
- Analyzed collected data to assess environmental impacts on fetal development and health outcomes for newborns.
- Completed a literature review on wildfires, investigating their health impacts through particulate matter exposure on the Lebanese population.
- Developed a syllabus outline for a proposed course on environmental health topics, incorporating research findings into educational materials.
- Proctored exams, ensuring academic integrity during assessments, and supporting the assessment process.
- Represented the university at a climate health change conference in Jordan, sharing insights and findings from ongoing research projects.

- Worked as an AI Quality Assurance specialist for machine learning projects in the agricultural sector, focusing on ensuring data accuracy and quality.
- Input and labeled images of various crops, helping to train AI systems to recognize different growth stages effectively.
- Collaborated with development teams to refine machine learning algorithms based on labeled data, enhancing system performance.
- Assisted in creating testing protocols to ensure the reliability of AI models in agricultural applications.
- Conducted thorough reviews of image datasets to ensure compliance with project standards and accuracy.
- Stayed current on advancements in AI technologies to improve quality assurance methodologies.

- Managed inventory, including stocking and restocking paramedical products to ensure optimal availability for customers.
- Assisted in the sale of medical products to patients and other pharmacies while providing exceptional customer service.
- Inputted sales data and processed receipts in the pharmacy management system, maintaining accurate records.
- Collaborated with healthcare providers to facilitate product availability and support customer needs.
- Maintained a clean and organized pharmacy environment to enhance customer experience.
- Engaged with patients to provide assistance and address inquiries about available products.

Training And Certifications

WHO (World Health Organization)

Dec. 2024

- **Advancing National Civil-Military Collaboration to Strengthen Health Emergency Preparedness**
- **Introduction to Dengue**
- **Introduction to the Emergency Response Framework (ERF)**
- **Pandemic Planning: Getting “PRET” for the Next Pandemic**

EdX & HarvardX

Dec. 2022

- **MCB63X: Principles of Biochemistry**

Education

Master of Public Health – Occupational and Environmental Health
University of Balamand, Lebanon

Dec. 2025

Bachelor’s Degree in Biochemistry and Molecular Biology
Lebanese University

May. 2022

Additional Information

Computer: Microsoft Office (Word, Excel, Access, PowerPoint).

Languages: Arabic (Mother Tongue), English (Proficiency Certificate – Duolingo).