

Momen Ibrahim

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EDUCATION

Dalhousie University

May, 2022

- Bachelor of Applied Science, Chemical Engineering
- Dean's list, Sexton Scholar; 3.44. GPA

Halifax, NS, Canada

WORK EXPERIENCE

Bureau Veritas Laboratories

Dec. 2022 – April 2023

Junior Project Manager

Bedford, NS, Canada

- Successfully managed 15 clients with billings exceeding \$50,000 during a project manager's leave period, demonstrating strong organizational and leadership skills.
- Fostered collaborative relationships with project managers to expedite customer requests using CRM.
- Verified pricing and surcharges for invoices, ensuring accuracy of information from the lab database.
- Addressed customer inquiries regarding environmental testing requirements, sample volumes, and lab turnaround times.
- Identified and rectified data entry errors and reported issues in the LIMS system, enabling timely report delivery to clients.

Bureau Veritas Laboratories

Jul 2022 – Dec 2022

Inventory controller

Bedford, NS, Canada

- Collaborated with management to optimize the archiving station layout, increasing efficiency by 50% for sample drop-off and storage.
- Provided mentorship and training to 4 new archivists, fostering a culture of continuous improvement.
- Conducted inventory management for laboratory samples by archiving them in designated cooler locations.
- Developed a self-designed dating and organizational system to expedite retrieval of requested samples.
- Managed proper disposal of samples, adhering to environmental disposal policies and procedures for various chemicals.
- Participated in health, safety and environmental quality audit processes and assessments for one of our major clients demonstrating commitment to delivering exceptional service and maintaining strong client relationships

ACADEMIC PROJECT

Dalhousie University and Scotia Gardeen Inc.

Sep 2021 – Apr 2022

Feasibility Study Project: Molecular Distillation of Herring Oil

Halifax, NS, Canada

- Collaborated with a Scotia Garden Engineering team to design a molecular distillation process meeting Canadian Food Inspection Agency (CFIA) guideline concentrations for herring oil.
- Utilized Aspen HYSYS and Microsoft Excel for mass and energy balance calculations.
- Coordinated with external lipid analysis labs to test samples from Scotia Garden's herring oil feed for characteristics and potential impurities.
- Developed Process Flow Diagram (PFD) and Piping and Instrumentation Diagram (PID)
- Sizing of Heat Exchangers, Pumps and Process Pipe Network
- Performed HAZOP analysis to evaluate, safeguard and mitigate process hazards and operability issues.
- Conducted economic analysis by contacting vendors to estimate design costs aligned with Scotia Gardens production targets.

CERTIFICATIONS & SKILLS

- **Certifications & Enrollments:** WHMIS 2015 certification for laboratory safety, Registered as EIT
- **Software:** SolidWorks, AUTOCAD, MS Visio, COMSOL Multiphysics, Aspen HYSYS, MATLAB, C++, Microsoft Excel, Microsoft Word, Microsoft PowerPoint, MS Project, LIMS, VBA and CRM/ticketing
- **Technical Skills:** Engineering Design, Fluid Dynamics, Project Management, Problem-Solving, Technical Calculations
- **Soft Skills:** Effective communication, Strong organizational skills, Attention to detail, Safety Conscious, Fluent in both English and Arabic, Team collaboration, Continuous learning.