

JAWAHER HOUMANI

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Beirut, Lebanon

EDUCATION

Master	INP Toulouse, Ensiacet Master's degree in process engineering	June 2017
Diploma	Lebanese University, Faculty of Engineering Diploma in chemical and petrochemical engineering	July 2016
Bachelor	Lebanese University, Faculty of business administration Bachelor's degree in business management	October 2018

EXPERIENCE

Chemical Engineer May 2019 – Present
SevenPlast Chemical Industries, Lebanon

- Optimizing and controlling the production of PVC compounds
- Testing the quality of the end products: extrusion, color, heat stability, hardness..., based on the customer's needs

Sales Engineer, Quality Engineer March 2018 – April 2019
Dentoplast Company, Lebanon

Producing and selling dental products (saliva ejectors)

- Managing sales procedures
- Developing and enhancing communication skills through contacting dentists and dental companies and representing the company during dental exhibitions
- Developing international relationships through contacting suppliers around the world
- Organizing and applying the standards of ISO norms in all sectors of the company especially in the production sector: production sheets, raw materials receipts, employees' working time... as well as representing the company during the yearly meeting with the ISO representatives.
- Controlling and managing the warehouses of the company
- Monitoring the daily production: quality, orders, customer needs, shifts, raw materials needed to accomplish each order...

Chemical Engineering Trainee March 2017 - July 2017
LISBP – INSA Toulouse, France

Research laboratory for biological system and process engineering

- Learning the "Python" language for enzymatic reaction modeling and "Umberto" software for life cycle assessment of the process
- Designing a process by choosing the appropriate unit operations for the production and the purification of dextrans
- Obtaining good skills required in research and innovation through searching for the best ways to understanding and enhancing the production of dextrans

Chemical Engineering Trainee

September 2015 - October 2015

SevenPlast Chemical Industries, Lebanon

- Basic Knowledge on the production of Masterbatches and PVC compounds

Quality Control Testing Trainee

August 2015 - September 2015

Zahrani Oil Industry, Lebanon

Quality control laboratory for petrochemical products

- Improving laboratory skills
- Improving knowledge on characteristics and properties of petrochemical products

Private Teacher

2013 - 2018

Lebanon

Providing private lessons for students

- Learning how to handle the weaknesses of a student and try to transform it into strengths
- Teaching students with educational difficulties

PROFESSIONAL PROJECTS

Modeling and Environmental Analysis of Dextran Enzymatic Synthesis

2017

Modeling of the production of dextran in the presence of sucrose and enzyme using Python language, and design the purification process of the dextran obtained to study the environmental effects using Umberto software

- Obtaining good skills on how to design a chemical process
- Enhancing research skills

Design of a Municipal Solid Waste Treatment Plant in Lebanon

2016

The final year project during the studies at the Lebanese university to design a plant that can transform solid wastes into valuable products

- Learning how to design a plant with different steps and how to transform all the types of solid wastes into valuable products

LANGUAGES

Arabic: Native**French:** Proficient - Delf B2**English:** Intermediate - ETS Toeic 910**STRENGTHS**

Computer Skills

Courses at the university on different software such as C language, Matlab, Python, Umberto, Aspen, Microsoft offices, AutoCad, SolidWorks.

Communication and Leadership Skills

Obtained during different job positions in sales and marketing

OTHERS

Volunteer at GEM: Green Environment Movement

An NGO non-profit organization, working on cleaning beaches in Lebanon and on spreading awareness

Attendee at Lebanon Oil & Gas Workshop and Meetups

Holding a certificate in the workshop entitled: Technical Introduction to the oil and gas industry

Attending different meetups with experts in the oil and gas field