

Lamis Abou Chacra

Production Manager

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Dynamic and results-driven professional with over three years of proven experience in production management, research and development. Skilled at leading teams to optimize productivity and streamline processes, leveraging strong communication skills to effectively convey complex concepts. Passionate about continuously refining skills and learning emerging trends in the market. Possess a keen eye for detail and a track record of achieving notable accomplishments in diverse roles. Eager to apply expertise and drive for success to a rewarding career opportunity where I can thrive and make a meaningful impact.

EDUCATION

Spring 2014 – Fall 2015: Studied at the American University of Sharjah, Graduated: 23th January 2016.

- Master of Science in Chemical Engineering

Spring 2010 – Fall 2013: Studied at the American University of Sharjah; Graduated: 25th January 2014.

- Bachelor of Science in Chemical Engineering
- Minor in Environmental and Water Engineering

WORK EXPERIENCE

➤ **October 2016 – March 2018:**

Production Manager at “Freenex SARL”- Lebanon.

- Developing the brands of tissue papers on regular basis.
- Manage the safety and waste minimization of production of tissue papers.
- Coordinating activities needed to meet required quality standards.
- Ensuring the raw materials received are stored and preserved in the right way.
- Tracking, monitoring and reporting on the daily operations and quality performance.
- Direct and supervise day-to-day operations across various departments or divisions to ensure efficiency, productivity, and adherence to organizational goals and standards.

➤ **November 2014 – April 2016:**

Research Analyst (Freelancer) in “The Energy Year” – United Arab Emirates.

- Gathering and assessing oil and gas data to produce in-depth quantitative and qualitative spreadsheets.
- Systematically standardizing the research content for countries selected by the Research Director, and investigating local news sources for assigned country in order to compile a list of approved sites.

➤ **Spring 2014 – January 2016:**

Teaching and Research Assistant in the American University of Sharjah – United Arab Emirates.

- Teaching chemical engineering labs.
- Giving recitations on various chemical engineering major courses.
- Organizing and presenting workshops to students on Aspen-hysys and Capcost softwares.

ATTENDED COURSES

ISO/TS 29001 Lead Implementer – successfully completed on April 9, 2015 at Dubai, United Arab Emirates.

LANGUAGE

- Speak Arabic and English fluently.

PRACTICED EXPERIENCE

- **Summer 2013:**

Practiced 2 weeks at Freenex SARL industrial company in Aramoun – Lebanon

Role: Seeking Experience (2 weeks); responsible for testing raw materials for brightness and tensile, as well as following up descriptions of produced materials. - Supervisor: Eng. Nidal Hassan

- **Summer 2012:**

Practiced my internship at Nada Water Company in Al-Shouf -Lebanon

Role: Internship (6 weeks); responsible for sampling and testing water quality- Supervisor: Mrs. Nehmat Al-Kadi

EXTRACURRICULAR ACTIVITIES

- Active volunteer in Ammatour Youth Initiative to aid residents in town with health and medicine.
- Was an active member in the LCC (Lebanese Cultural Club) and helped to organize different events.
- Volunteer work in distinguished occasions in University including Graduation ceremonies and Global days.

PROJECTS

- **Implementation of a new production line 2017:** Responsible of implementing a new production line from its planning stage to the full-scale production stage. I performed a full design layout, selected the required equipment, trained the staff, checked the procurements and installations then tested it for production.
- **Master Thesis 2015-2016:** Treatment of Produced Water using Graphene, Dr. Taleb Ibrahim and Dr. Mustafa Khamis.
- **Senior Design Project 2013:** Design, Construction and Testing of an adsorption cooling machine, Dr. Naif Darwich, Dr. Yousef Zurigat, Dr. Ahmad Aidan.
- **Design Experiment 2012:** Adsorption Process of Sulfur Removal from Diesel oil using sorbent materials, Dr. Isam Al-Zubaidy.

ACCOMPLISHMENTS

- Implemented process improvement that increased daily production by **15%**.
- Decreasing defect rates by **10 %** and maintain high quality standards.
- Cultivate relationships with key stakeholders, clients, suppliers and regulatory agencies.
- Trained production team that enhanced the production by **20 %** in six months.
- Helped undergrad students achieve their tasks successfully.

SKILLS

➤ Communication skills:

- Negotiation with customers, suppliers and stakeholders.
- Provide clear and concise instructions.
- Experience in delivering presentations to colleagues, stakeholders and professors of various projects.
- Gave presentation in an international conference to a huge audience under the title “Adsorption Process of Sulfur Removal from Diesel Oil using Sorbent Materials”, and also did a technical presentation at my internship in Nada Water Plant about my experience there.
- Excellent reading and written skills: write effectively in a range of contexts and for a diversity of different audiences and purposes – wrote an article in the Leopard’s newspaper delivered at the American University of Sharjah about the diversities between genders.
- Social media experience: lead Ammatour Youth Imitative online page.

➤ Technical/Research skills:

- Excellent report writing and data analysis.
- Process optimization and implementation
- Knowledge of production lines machines.
- Training and development of new/existing staff.
- Gathering and assessing oil and gas data to produce in-depth quantitative and qualitative spreadsheets and briefs at TOGY, systematically standardizing TOGY research content for countries selected by the Research Director, and investigating local news sources for assigned country in order to compile a list of approved sites.
- Research with the professor Dr. Paul Nancarrow on “Estimation of Ionic Liquid Heat Capacities by Group Contribution: Critical Evaluation of Existing Methods and Proposal of New Models”. Also wrote a research paper for the senior design project “Design, Construction and Testing of an adsorption cooling machine” as well as an internship report.
- Writing technical papers for journal publishing as the design project “Adsorption Process of Sulfur Removal from Diesel Oil using Sorbent Materials”.

➤ Analytical and critical thinking skills:

- Root cause analysis and STAR method.
- Product Life cycle: Planning, evaluation, improvement and maintenance.
- Decision making to ensure the right choice as a manager.

➤ Experimental skills:

- Performed experimental tests during the research phase of the Master Thesis.
- Intense knowledge of the UV-Visible Spectrophotometer and Fluorescence Spectroscopy instruments.

➤ Teaching skills:

- Taught chemical engineering labs.
- Gave recitations on various chemical engineering major courses.
- Organized and presented workshops to students on Aspen-hysys and Capcost softwares.

➤ Leadership and team development skills:

- Leader of production team at Freenex to maintain all production cycles correctly.
- Organizing events for the LCC (Lebanese Cultural Club) such as dinners and trips.
- Leader of senior group project: “Design, Construction and Testing of an adsorption cooling machine”.

➤ Problem Solving:

- Solved critical situations as a production manager with certain clients regarding packaging issues.
- Solved a shortage of raw materials by urgently relocating resources and collaborating with purchasing manager to control inventory and stock rate.

➤ Project Management skills:

- Managed the production team to successfully launch new products in market and increase revenues.
- Performed training sessions and new shifts to my team to encourage better productivity and high spirits.
- Managed the design experiment project “Adsorption Process of Sulfur Removal from Diesel Oil using Sorbent Materials” to effectively implement the new approach of using date palm kernels as adsorbents, and the results were successful.

RESEARCH SKILLS/EXPERIENCE

- **Fall 2015-2016:** Treatment of Produced Water using Graphene, Dr. Taleb Ibrahim and Dr. Mustafa Khamis.
- **Fall 2013:** Investigated different models of heat capacities of the ionic liquids, Dr. Paul Nancarrow.
- **Spring 2013:** Climate Change Effects on Freshwater Systems and Adaptation, Dr. Geoffrey Parker.
- **Fall 2012:** Radioactive Waste Management, Dr. Zarook Sharafdeen.

COMPUTER SKILLS

- Microsoft Word, Excel and Access, MatLab, Aspen-Hysys, Polymath, MathCAD and Capcost.

AWARDS AND HONORS

- **Fall 2013:** Bronze Medal in Honors Convocation for being in Chancellor’s List.
Passed the FE (Fundamental Engineering) on 28th October 2013.
- **Spring 2013:** Participation and Presentation Certificate for 2013 2nd International Conference on Clean and Green Energy (ICCGE 2013) January 19-20, 2013- Dubai–UAE :Presented the research project: “Adsorption Process of Sulfur Removal from Diesel Oil using Sorbent Materials” in the international conference.

PUBLISHED JOURNALS

- Abou Chacra, L., Sabri, M. A., Ibrahim, T. H., Khamis, M. I., Hamdan, N. M., Al-Asheh, S., AlRefai, M., & Fernandez, C. (2018). Application of graphene nanoplatelets and graphene magnetite for the removal of emulsified oil from produced water in Journal of Environmental Chemical Engineering, vol. 6, no 2, pp. 3018-3033, April 2018.
- Nancarrow, P., Lewis, M. and AbouChacra, L. (2015), Group Contribution Methods for Estimation of Ionic Liquid Heat Capacities: Critical Evaluation and Extension. Chemical Engineering & Technology, vol. 38, no 4, pp. 557-743, April 2015.
- Al Zubaidy, I., Bin Tarsh, F., Darwish, N., Abdul Majeed, S., Swaidan, B., Al Sharafi, A., Abu Chacra, L.(2013), Adsorption Process of Sulfur Removal from Diesel Oil Using Sorbent Materials in Journal of Clean Energy Technologies, vol. 1, no. 1, January 2013.

REFERENCES

Available upon request
