

VANESSA MORCOS

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ABOUT ME

- **Lebanese Canadian** citizen
- Seeking job opportunities in the fields of **chemical/process engineering** and **consulting**
- Passionate about music in all its forms

EDUCATION

B.E IN CHEMICAL ENGINEERING, AMERICAN UNIVERSITY OF BEIRUT (AUB) – BEIRUT, LEBANON

- CGPA of **3.54/4**
- Placed on the **Dean's Honor list** almost every semester
- Graduating in May 2020

SEP 2016 – PRESENT

B.E IN MECHANICAL ENGINEERING, NOTRE-DAME UNIVERSITY – ZOUK MOSBEH, LEBANON

- CGPA of **3.66/4**
- Placed on the **Dean's Honor list**

SEP 2015 – AUG 2016

LEBANESE BACCALAUREAUTE II – GENERAL SCIENCES, SAINT JOSEPH SCHOOL – CORNET CHEHWAN

OCT 2000 – JUN 2015

WORK EXPERIENCE

RESEARCH ASSISTANT, AMERICAN UNIVERSITY OF BEIRUT – BEIRUT, LEBANON

- Responsible for preparing Ni/Ce-MCM-41 mesostructured catalysts

SEP 2019 – PRESENT

RESEARCH INTERN, UNIVERSITY OF APPLIED SCIENCES EMDEN/LEER – EMDEN, GERMANY

- Reviewed the literature on the principles of electromagnetic radiation (EMR) and shielding
- Was responsible for preparing numerous EMR coating shields using various solutions and coating materials and testing their porosity and electrical conductivity

JUN 2019 – JUL 2019

PRODUCTION INTERN, ALGORITHM – ZOUK MOSBEH, LEBANON

Rotated through all the processes and units involved in the large-scale production of pharmaceutical products: processing, dispensing, filling, packaging and quality control

JUN 2018

EXTRACURRICULAR ACHIEVEMENTS

AICHE CLUB TREASURER, AMERICAN UNIVERSITY OF BEIRUT

MAY 2019 – PRESENT

"PLASCHICK", INTERNATIONAL BIODIVERSITY DAY AT AUB (IBDAA)

- Converted chicken feathers to bioplastics via the extraction of keratin
- Was responsible for simulating the process and performing a **full economic analysis** to study its feasibility in Lebanon on a bigger scale
- **Won a \$2,000 award for ranking 1st place** in the topic of Research with Intervention

APR 2019

LEADERSHIP SERIES WORKSHOPS, AMERICAN UNIVERSITY OF BEIRUT (AUB)

Participated in the workshops: **Lead Yourself Before Others** given by AIESEC AUB Club president Sara Nasser and **Intro to Design-thinking** given by Dr. Vida Mia Garcia of Stanford University

FEB 2019

SCOUTS MEMBER, SCOUTS DE LIBAN

Entered as a junior scout and got promoted gradually, reaching the role of team chief (Chef de Patrouille) when I earned the **Meilleure Guide award** for Summer camp 2014

SEP 2009 – AUG 2014

ADDITIONAL SKILLS

PROGRAMS: **Microsoft Office** (Word, Excel, PowerPoint), **Aspen Plus/HYSYS**, **MATLAB** and **Simulink**

LANGUAGES: **Arabic** (Native), **English** (Fluent), **French** (Fluent)