

RÉSUMÉ

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1. EDUCATION:

- 2015 –2019 American University of Sharjah (AUS), Sharjah, UAE:
 - Bachelor of Science in Chemical Engineering
 - Cumulative GPA: 3.72 – Honors Prize : Magna Cum Laude (GPA : 3.7 – 3.89)
- 2012 – 2015 Dubai National School (DNS), Dubai, UAE:
 - High School Diploma
 - Cumulative Percentile (Grade 12): 99.9

2. WORK EXPERIENCE:

- Commencing September 2021 NYUAD, Abu Dhabi, UAE:
 - Joined the Kawader Program as a Research Assistant in Petroleum Research, Division of Science, under the supervision of Dr. Panche Naumov, Professor of Chemistry, with tasks including:
 - Designing and preparing chemical inhibitors for organic scales of oil in Abu Dhabi oil reservoirs
 - Participating in research activities of the Naumov Research Group
 - Participating in weekly group seminars
- October 2020- May 2021 Maf Amer, Dubai, UAE:
 - Joined an eight-hour shift job as a Data Entry Personnel with tasks including:
 - Typing governmental-related documents for the General Directory of Residency and Foreign Affairs
- June 2019- August 2019 Dragon Oil, Dubai, UAE:
 - Joined a six-weeks internship as a Process Engineer with tasks including:
 - Analyzing well conditions and parameters for optimization
 - Sizing and designing main chemical engineering equipment

- June 2013- July 2013 Dubai Municipality, Dubai, UAE:
 - Joined a summer job as an Administrative Assistant with tasks including:
 - Processing office paperwork
 - Communicating through emails
 - Organizing files and documents

3. **Skills:**

- Information Technology Skills:

Excellent knowledge of:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint

Good working knowledge in:

- Microsoft Visio
- Aspen HYSYS
- Aspen PLUS
- MATLAB
- PSpice

Basic knowledge of:

- NI Elvis System
- Microsoft Project

- Chemical Engineering Skills:

Excellent knowledge of:

- Performing mass and energy balances to closed and opened systems in steady and unsteady states
- Sizing reactors and determining volumes
- Solving real-life problems, including heat transfer, mass transfer, and fluid flow concepts
- Applying principles of waste management and pollution control to solid-based and fluid-based systems
- Applying system control principles on transient systems and constructing control loop block diagrams for different equipment
- Analyzing technical data or graphs and examining process flow diagrams and piping and instrumentation diagrams
- Analyzing statistics and conducting engineering economy calculations

- Writing technical reports on chemistry or chemical engineering experiments

Good working knowledge in:

- Operating chemical engineering devices, including hydraulic systems, pumps, heat exchangers, and condensers
- Building electrical circuits' systems
- Designing processes and scaling lab-based processes to industrial-based ones
- Applying organic chemistry-related concepts and physical chemistry-related concepts in chemical engineering fields

- Communication Skills:

- September 2019-December 2019

Attended "Management for Engineers" course at AUS.

The taught skills include:

- Planning for meetings, including tools like agenda, presentations, and group communication skills
- Dealing with difficult people through negotiation
- Applying leadership and the six thinking hats for planning and execution purposes
- Making decisions through different management techniques

- May 2018-July 2018

Attended "Professional Communication for Engineers" course at AUS.

The course includes:

- Writing emails, agendas, and minutes
- Writing résumés and job application letters
- Conducting mock job interviews
- Conducting multi-disciplinary, technical research
- Performing presentations utilizing different presentation tools (PowerPoint, Prezi, and posters)

- July 2014-August 2014

Attended "English: Level 4", a course on communication in English language in the institution of Direct English, Dubai, UAE.

The course included:

- Using telephones for communication
- Communicating in meetings and group activities
- Language Skills
 - Excellent knowledge of:
 - Oral and written Arabic:
Successfully finished 6 courses under Arabic and Translation Studies at AUS
 - Oral and written English:
Academic IELTS Computer-based score (2020): 8/9
TOFEL iBT score (2014): 101/120

4. AWARDS AND ACCOMPLISHMENTS:

- 2015- 2019 ○ Placed twice on the Dean’s List at AUS for scoring a GPA of 3.5+
- July 2015 ○ Achieved the position of valedictorian at DNS

5. RESEARCH PROJECTS AND COMPETITIONS:

- September 2019- December 2019 Conducted research dubbed “Review on the Management and Control of 2-Propanol” in a group of four chemical engineers for Waste Management and Control in Chemical Engineering course at AUS under the supervision of Dr. Zarook Shareefdeen.
- September 2018- April 2019 Completed the senior chemical engineering project in a group of five students with the title “Maximizing Carbon Black Production From Waste Tires Pyrolysis” for the courses: Senior Design Project I and Senior Design Project II at AUS under the supervision of Dr. Nicolas Kalogerakis and Dr. Karnail Singh. The project won the first price for best chemical engineering poster.
- January 2019- May 2019 Conducted research dubbed “Health Effects and Air Pollution Control of Perfume Emissions” in a group of five chemical engineers for Air Pollution course at AUS under the supervision of Dr. Zarook Shareefdeen.
- May 2018- July 2018 Worked on a multi-disciplinary, engineering project with the title of “Utilizing Microencapsulated Phase Change Materials in Manufacturing Sustainable, Green Concrete” for Professional Communication for Engineers course at AUS under the supervision of Dr. Tharwat El-Sakran.

- February 2017-
March 2017 Conducted research on “Biomedical Advancements in Nanotechnology” for Advanced Academic Writing course at AUS under the supervision of Dr. David Prescott.
- October 2015 Competed successfully in building a boat that carries a 500ml bottle of water as a part of a multi-disciplinary, introductory engineering course called “Introduction to Engineering and Computing” at AUS, under the supervision of Dr. Fadi Aloul and Mr. Aqeel Ahmed.
- May 2014 Designed a cardboard boat that can carry an average of 50kg as part of a competition in high school physics at DNS under the supervision of Mrs. Nafissa AlJaban.
- May 2013 Designed a bridge of wooden sticks as part of a competition in high school physics at DNS under the supervision of Mrs. Nafissa AlJaban.

6. CERTIFICATES AND PARTICIPATIONS:

- July 2020 ○ Received a certificate for attending the online lecture on “Initiative and Decision Making” held by the Telecommunications Regulatory Authority (TRA) Virtual Academy
- July 2020 ○ Received a certificate for attending the online lecture on “Transforming Education for the Digital Era” held by the TRA Virtual Academy
- July 2020 ○ Received a certificate for attending the online lecture on “The 6 Traits of High-Performance Teams” held by the TRA Virtual Academy
- May 2020 ○ Received a certificate for attending the online lecture on “Invest in Your Time and Discover Your Passion” held by the TRA Virtual Academy
- May 2020 ○ Received a certificate for attending the online lecture on “Digital Healthcare: Industry Trends” held by the TRA Virtual Academy
- April 2020 ○ Received a certificate for attending the online lecture on “Creative Thinking” held by the TRA Virtual Academy
- April 2020 ○ Received a certificate for attending the online lecture on “Self-Management” held by TRA Virtual Academy

- March 2020 ○ Participated in the online course called “Let’s Break the Chain of COVID-19 Infection” and was named a Community Immunity Ambassador by Mohammed Bin Rashid University of Medicine and Health Sciences
- August 2014 ○ Participated in a program for teaching “First Aid”, arranged by Dubai Police, Dubai, UAE
- March 2014 ○ Received a certificate for participating in “The Leader in Me” program, a program held at DNS, giving the chance for students to teach for three days
- March 2014 ○ Received a certificate for “Distinctive Participation in the Innovation Day Camp”, meant to encourage entrepreneurs and held by Injaz UAE, Dubai, UAE

7. PERSONAL ATTRIBUTES:

- Team Worker
- Determined
- Open-minded
- Independent
- Development-oriented

8. REFERENCES:

Available upon request