

PROFESSIONAL EXPERIENCE

2021-Present Strategy Consulting Manager, Bain & Company - Dubai, UAE

Bain, top management consulting firm

- Conducted a market study on Sustainable Fuels and initiated the development of the related strategy for a major Saudi O&G company
- Identified investment opportunities for a major Saudi O&G company
- Developed & supported in executing the strategy of the leading Saudi Power producer (1-year project)
- Led the Power, Renewables, Nuclear, Hydrogen, and Carbon streams within the development of a broader Integrated Energy Strategy for a Saudi Government energy entity
- Streamlined operations for a major Saudi Government energy entity & created its Master Processes Map

2017-2021 Co-Founder and Project Manager, CryoCollect - Paris, France

CryoCollect, start-up I co-founded, specializing in innovative and energy efficient processes

- Headed CryoCollect's strategic positioning in the multibillion post-treatment renewable biogas market
- Designed, constructed and marketed a first of its kind, €1M biogas purification process for 5 clients
- Developed a new machine capable of eliminating up to 100% of gas losses in LNG carriers for GTT

2012-2017 Research Engineer - Centre for Energy Efficiency of Systems (CES) - Paris, France

CES, centre specializing in energy efficient buildings, vehicles and industrial processes

- Developed safer, cheaper heat management operation modes for AirLiquide & TotalEnergies using equipment 60% more energy-efficient
- Optimized a RECTISOL absorption column with AirLiquide, achieving potential savings of €105M/year

2014-2018 Teaching Assistant - MINES ParisTech PSL - Paris, France

MINES ParisTech – PSL, ranked 2nd best university in Western EU (QS Ranking)

- Consistently achieved satisfaction rates exceeding 90% in feedback provided by students

2011-2012 Research Engineer - FAURECIA & CES - Paris, France

FAURECIA, global leader in the automotive parts industry

- Led a team of 4 in designing a car seat test bench, increasing user comfort and reducing costs by 37%

EDUCATION

2012-2015 Ph.D. Thesis in Energy and Process, MINES ParisTech PSL (Excellent examiners' reports)

- Created a new & more efficient generation of heat pumps using innovative working fluid chemicals

2011-2012 Master of Science in Energy & Environment, UPMC (Paris 6) (Rank 1/≈160)

2007-2012 Honours Bachelor of Mechanical Engineering, ULFG (Top 5%)

- 1 of 4 students out of 90, selected for a double degree scholarship

CERTIFICATIONS

2022 Executive Certificate in Business and Corporate Strategy – HEC Paris (Grade A) ([Certificate Link](#))

2021 International Certificate in Corporate Finance – HEC Paris (Grade A) ([Certificate Link](#))

OTHER

<i>Languages</i>	▪ English (Fluent)	▪ Arabic (Bilingual)	▪ French (Bilingual)
<i>Interests</i>	▪ Skydiving	▪ Investing	▪ Martial Arts
	▪ Travelling	▪ Reading	