

Jina Youssef

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Education

University College London, MEng Engineering (Chemical)

Sep 2017 – June 2021

- **Classification:** First Class Honours

St Augustine's C of E High School

- *A Levels Grades:* Mathematics (A), Biology (A), Chemistry (B) Sep 2015 – Jul 2017
- *GCSE Grades:* 3 A*s (including Maths), 6 As (including French and Arabic), and 1 B Oct 2014 – Jul 2015

Relevant Experience

Issam Fares Institute, Energy Policy and Security Program Intern

Sep 2020 – December 2020

- Worked closely on a project that aims to reconstruct Lebanon's electricity public utility, Electricité du Liban, post the port catastrophe on August 4th 2020.
- Supported organisation of a roundtable workshop co-hosted by the RELIEF centre which would gather stakeholders such as donors, embassies, and international organisations discussing Lebanon's reform needs.

GSK, Industrial Cadet

Apr 2017

- Gained insight into R&D and GMS sectors by shadowing employees and partaking in a series of experiments utilising NMR technology.
- Collaborated in groups with fellow cadets to design a product to treat allergic rhinitis and presented the idea to GSK employees.

Royal Academy of Engineering Exploration Challenge, Participant

Sep 2015 – Jan 2016

- Tasked with conducting experiments on oil samples for the wider purpose of determining the feasibility of extracting oil from the Earth's core practically and economically.
- Developed an Excel spreadsheet with experimental data obtained including a financial analysis and wrote a report on the findings.

Al-Rayyan Weekend School, Teaching Assistant

Oct 2013 – June 2016

- Assisted teachers with various tasks such as creating homework and, on many occasions, substituting as the teacher.
- Formulated innovative methods to ensure the younger student's conduct would not risk their health and safety.

Costain Group, Work Experience

Feb 2013

- Shadowed employees over various departments from engineering to site management.
- Simulated many scenarios surrounding Costain's London Paddington station project revolving around social and environmental impacts and conducted presentations on these topics.

Relevant Projects

Birth of Colloidal Nanoparticles, Masters Final Year Project

UCL 2021

Design of a carbon-neutral process by production of olefins from syngas

UCL 2020

- Achieved highest grade in the cohort from the design of a safety control system for a propylene splitter.

How to Change the World – Tackling waste produced in Medellin with smart bins

UCL 2019

Solar Solution in Tamil Nadu to address intermittency issues

UCL 2019

Skills & Interests

Languages: English (Native), Arabic (Intermediate)

IT: Microsoft Office, Matlab, gPROMS, GAMS (Basic), Aspen, Dawn, Demeter (Hephaestus, Athena, Artemis)

Extracurriculars & Interests: Kickboxing, Auctioning, Film (BFI Membership), Reading, Hiking (DofE Silver Award)