

Yasir Razzaq

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PROFILE

I am an enthusiastic, well presented and determined **Chemical Engineering graduate** from the University of Sheffield where I obtained a **First Class Bachelor of Engineering**. I am able to balance multiple competing priorities, having worked in several part-time positions whilst still achieving strict deadlines for assignments submission. I am seeking a role in which I can put into practice my knowledge and experience, ultimately benefiting the operations of the organisation that I work for.

EDUCATION

Bachelor of Engineering Degree in Chemical Engineering: First Class Honours

University of Sheffield, United Kingdom

10/2015 – 07/2018

Core Modules Studied: Particle Science, Nuclear Science & Technology, Fuel & Energy Utilisation, Transport & Separation Processes, Fluid Mechanics, Reactors Design, Heat Transfer, Process Dynamics & Control, Biochemistry, Organic Chemistry and Environmental Protection.

- Developed excellent knowledge of key aspects of many fundamental engineering principals.
- Extensive laboratory experience.
- Confidence in leading group based projects
- Experience in writing professional reports.

International Baccalaureate (IB), ARKIS, Bahrain

09/2011 – 06/2015

IB – Biology, Chemistry, Maths and Economics. Total of 35 points.

IGCSE – 8 GCSEs at grades A*, A and B. Certificate of distinction awarded.

ENGINEERING EXPERIENCE

Process Design Project – (Fertilizer Manufacturing Facility Design)

The University of Sheffield

09/2017 – 05/2018

- Proposed an innovative solution to the project, considering variables such as overall economy, safety and environmental impact of the project.
- I led the design of the ammonia synthesis route and was primarily involved in the development of shift reactor design.
- Used process simulation for units involved, completed standardized PFD drawings, a HAZOP safety report, and a class 3 economic analysis of the project.
- Produced a technical presentation highlighting key aspects of the design to members of the university board and industry. The design portfolio was awarded a high first-class grade.

Researcher – Awarded SURE Research Grant

The University of Sheffield

06/2017 – 08/2017

- Gained practical skills in the field of particle science by working closely with PhD students.
- Overcame difficult scenarios and applied problem-solving skills when working inside the lab.
- Developed the ability to link experimental data with literature, and an understanding of the potential areas of improvement.
- Trained to use several lab equipment and handling of different materials.

POSITIONS OF RESPONSIBILITY

Operation Assistant , Amazon Logistics, UK

02/2018 – 04/2020

- Measure and monitor overall workflow and daily metrics to optimize operations.
- Follow up on any process-related issues as and when required.
- Responsible for briefing and monitoring the work of associates. Provided training to new team members while ensuring compliance with health and safety regulations

Safety Steward, G4S

09/2017 – 10/2018

- Maintained high level of security at high crowd events and ensured the safety of the attendees.
- Responded promptly and efficiently to instructions and emergency calls. Followed protocol when dealing with alarms and incidents.
- Developed the ability to identify potential risks and hazards.

Admin Assistant, Unite Students Accommodations

09/2016 – 10/2016

- Working the registration team during orientation days
- Learned in use software for registering incoming students into existing database, assign them their rooms and process payments.
- Maintained health standards by inspecting the rooms and other facilities.

Course Representative, University of Sheffield

10/2015 – 02/2016

- Elected by my peers to represent my course based on my leadership attributes.
- Role included regular meetings and negotiations with department staff to represent students' views, address major concerns and provide appropriate recommendations.

ADDITIONAL SKILLS/INTRESTS

IT Skills	Proficient use of Microsoft Office, AutoCAD, Aspen and MATLAB as part of the engineering degree. Basic experience in Python, SQL and CFD modelling.
Languages	Bilingually fluent in English and Arabic. French speaker at elementary level (A2)
Mentoring	Provided one-to-one mentoring to students in their first year in university. This included peer support and guidance for the students to adapt to their university life.
Networking	Active member in the Institution of Chemical Engineers (IChemE) and the Energy Institute (IE)
Sports	Represented the University of Sheffield Chemical Engineering Society in Intra Mural tournaments and activities. Regular swimming and cycling sessions.
Volunteering	Several volunteering activities which include raising funds for Macmillan Cancer Support and organizing Breast Cancer Day events.

REFERENCES

Miss Bouchra Boujloud
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