Sheran Akbar Ahsan

Chemical Engineer

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Nationality: Bahraini

Education:

Bsc Chemical Engineering
- Sept 2015 - Jan 2020

Elective courses:
Environmental Engineering, Aluminium Processing Technologies, Petrochemical Engineering.

- University of Bahrain

Soft Skills:

- Time Management
- Analytical Thinking
- Problem Solving
- Collaboration
- Flexibility and Adaptability
- Excellent Communication Skills
- Team Work

Technical Skills:

- Aspen Hysys, Aspen Exchanger Design and rating and Polymath.
- Microsoft Office.

Reference:

Dr. Faisal Irfan
E mfirfan@uob.edu.bh
T: 36201211

Objective:

A chemical engineer fresher with passion for work in my field. Looking for an entry level position to apply my education and skills to meet the demands of the organization and carry out every day responsibilities with utmost commitment to accomplish the goals of the company.

Pre Professional Experience:

Yokogawa Middle East and Africa B.S.C
(1st July 2019 - 31st August 2019)
As an Intern by the Summer Training Program.

1. Joined the PSC (Process Solutions) Department.
2. Interpreted P&ID (Process and instrumentation diagram).
3. Worked on simulating various equipment such as heat exchanger, a Stabilizer, Condensate pots, Pumps and Reboiler by the use of a dynamic simulator OmegaLand. Produced adequate results in reference to the data of the material and energy balance.
4. Determined the turndown number of the aforementioned equipment.
5. Generated alterations in the process to find a better alternative and have a visual interpretation of the effect of various parameters on the process.

Academic Projects:

1. Hydrogenation of Co2 to produce Methanol ,The Project dealt with research regarding catalyst which would be used to activate Carbon in carbon dioxide to yield Methanol. Furthermore, the project completion required the implementation of thermodynamic and kinetic Knowledge.

2. Design of a Thermal Reactor and a Waste Heat Boiler in a Sulphur Recovery Plant.The Project dealt with the design of a Thermal Reactor which would treat hydrogen sulphide to sulphur and Sulphur dioxide. Moreover, a Waste Heat Boiler was also designed which would aid in the condensation of sulphur. Evidently, the mechanical design issues and the Hazop (Hazard and Operation) was also brought forth.