

# AHMAD FAROOQ

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## OBJECTIVE

To excel and grow in the field of Chemical engineering.

## SUMMARY

- A skilled communicator; able to maintain cultural sensitivity, establish rapport with members of diverse groups, and promote team cohesiveness.
- Highly organized and independent; able to effectively coordinate tasks to accomplish projects with timeliness and creativity.
- Flexible and analytical with a keen eye for details; skilled at synthesizing and editing information to achieve overall objectives.
- An effective leader, skilled in enlisting the support of all team members in aligning with project and organizational goals.

## EDUCATION

<b>Bsc.</b> <b>(2014-2018)</b>	Bachelor of Chemical Engineering, UET-Lhr.	3.366/4
<b>F.Sc</b> <b>(2012-2014)</b>	Pakistan International School ; Al-Khobar (Saudi-Arabia)	A+
<b>Matriculation</b> <b>(2010-2012)</b>	Pakistan International School ; Al-Khobar (Saudi-Arabia)	A+

## COURSES INCLUDED:

- Mass Transfer
- Heat Transfer
- Fluid Mechanics
- Thermodynamics

## FINAL YEAR PROJECT, UET, LHR

### Hydro-desulphurization of Gas Oil

- ❖ Worked on a team of 4
- ❖ Desulphurization of Gas oil with plant capacity of 40,000 BBL/Day.
- ❖ Complete Material and Energy Balance using Aspen Hysys and CEA.
- ❖ Design Packed bed Absorber using DEA as solvent for the absorption of H<sub>2</sub>S.
- ❖ Extensive work on Distillation column design using Aspen Plus and Aspen Hysys.
- ❖ Wrote technical report, including: planning and design.
- ❖ Performed oral presentation to fellow student and professors.

## **WORK EXPERIENCE**

### **Century Paper & Board Mills**

- ❖ Sections Covered (Chemical Plant, Straw-Cooking House and Washing Plant)
- ❖ Learned structure of the departments, day by day activities, and job purposes of staff members.
- ❖ Under Supervisor guidance, learned ways to work under pressure.
- ❖ Material and Energy balance over the Plant using HYSIS
- ❖ Preformed lab test (KAPPA)
- ❖ Product Analysis (Digester, Paper sheet)
- ❖ Shadowed different staff members including lab technicians, plant operators, and engineers to learn operations of the department

### **SNGPL**

- ❖ Learned the structure of each department
- ❖ Under guidance, learned techniques to deal with staff members and to direct them in achieving the set targets
- ❖ Orifice and Venturi meter.
- ❖ Synchronizations between the staff member and with Supervisors.

## **SKILLS**

- |                   |                                 |
|-------------------|---------------------------------|
| ➤ ASPEN HYSYS     | ➤ Presentation                  |
| ➤ MICROSOFT VISIO | ➤ Oral and Verbal Communication |
| ➤ G-PROM          | ➤ Team Work                     |
| ➤ CEA             |                                 |
| ➤ ASPEN PLUS      |                                 |

## **ACHIEVEMENTS**

- ❖ Awarded for obtaining A+, in Chemistry, Physics and Mathematics in Matriculation.
- ❖ Best Presenter Award
- ❖ Awarded for best Flow Sheeting
- ❖ Best Final Year modeling
- ❖ Best Interne Award

## **ACTIVITIES**

- ❖ Tennis
- ❖ Painting and sketching
- ❖ Cooking

## **ATHELTE EXPERIENCE**

- ❖ 2-8, semester daily practice commitment
- ❖ Studied, learned and executed numerous games strategies
- ❖ Learned problem solving techniques in high stress, real time competition environment

## **LANGUAGE**

- ❖ ENGLISH
- ❖ URDU
- ❖ PUNJABI