

# Mohammad Shehryaar Khan

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DHA Phase 8, Karachi | +92-323-240-6449 | shehryaarkhan71@gmail.com | Registered Engineer at PEC | PEC Supervisory Certificate Holder

## Personal Statement

As a recent chemical engineering graduate with honours from Curtin University, I am looking to secure a Chemical Engineering position to utilize and develop my technical skills and knowledge in the engineering platform.

My career goal is to assume responsibility for the analysis, development and troubleshooting of a process with a team and positively contribute in the company I work for.

## Education

### **BACHELOR OF ENGINEERING | AUGUST 2016 | CURTIN UNIVERSITY, AUSTRALIA**

- Major: Chemical Engineering (Hons.).
- Related coursework:
  - Final year Research Project on Extraction of Kaffir Lime (Citrus Hystrix) essential oils using Supercritical Fluid Carbon Dioxide via Factorial Design Experiment.
  - Completed a Design Project on an Air separation plant design (inclusive of technical, economic data and simulation via Aspen HYSYS).
  - Developed multiple Aspen HYSYS simulations for Process and Plant designing.
  - Designed Excel models for Heat and Mass Transfer as well as reaction conversion rates.
  - Modelled controllers in MATLAB for process instrumentation and control.
  - **Champion** at National Chemical Engineering Symposium 2015 (Technical Debate section).

### **GCE A LEVELS | AUGUST 2012 | BANGLADESH INTERNATIONAL SCHOOL DAMMAM**

- Subjects: Physics (A), Chemistry (A) and Mathematics (A\*)
- Awarded the BISD Excellence Award.

### **IGCSE O LEVELS | JANUARY 2010 | BANGLADESH INTERNATIONAL SCHOOL DAMMAM**

- Subjects: Physics (A\*), Chemistry (A\*), Mathematics (A\*), English Language (A), Biology (A), Additional Mathematics (A), Information and Communication Technology (A) and English Literature (C).

## Work Experience

### **INVIGILATOR | BRITISH COUNCIL PAKISTAN | APRIL 2018-PRESENT**

- Responsible for facilitation of examination candidates and ensuring a safe, satisfactory examination session is conducted in the exam venue.
- Responsible for handling and collecting of examination papers as well as invigilating to prevent violation of the examination rules and regulations.
- Responsible for handling and collecting of examination papers as well as invigilating to prevent violation of the examination rules and regulations.
- Assisted candidates before, during, and after examinations to uphold British Council's customer service standard.

## **INVIGILATOR | BRITISH COUNCIL SAUDI ARABIA | APRIL 2017-MARCH 2018**

- Same duties as mentioned previously.

## **QUALITY, HEALTH, SAFETY AND ENVIRONMENTAL INTERNEE | CHAMPION ARABIA CO. LTD (A BRANCH OF CHAMPION TECHNOLOGIES, USA) | 1 DEC 2014 – 28 FEBRUARY 2015**

- QC – Raw material, intermediates and product testing and adjustment according to clients demand (pH, color, viscosity, etc.). Discussed product specifications with the clients and learnt about the policies and procedures of Quality Control in the company, including tailoring products.
- HSE – Conducted multiple safety and risk assessments on whole site (safety procedures, logs, project implementation, etc.). Provided recommendations to Plant Manager to reduce accident risks and improve the measures to contain the situation. Participated in a risk assessment and safety measure implementation project on the site. This taught me the importance of safety and how it is implemented and verified in a working area

## **Skills & Abilities**

### **SOFTWARE**

- Well experienced with Aspen HYSYS, MATLAB and modelling in Microsoft Excel.
- Proficient in using Microsoft Office as well as acquainted with basic C programming and Google Sketchup, increasing capabilities of object design and small-scale programming.

### **COMMUNICATION AND LANGUAGE PROFICIENCY**

- Able to demonstrate proficient English speaking skills with an overall band score of 8.0 in an Academic IELTS test.
- **Honorable Mention** Award at the Model United Nations Curtin Sarawak External Conference 2014 in the General Assembly.
- Able to communicate in Urdu as a native and a beginner in Bengali.
- Represented Curtin University on a national scale at Borneo British Parliamentary Cup 2013 as a debate participant.

### **LEADERSHIP**

- Founder and President of Curtin Tennis Club – Malaysia (2013-2014).
  - Arranged bi-annual tennis tournaments, extending invitation to local members of the community as well as internationally.
  - Collaborated with a diverse committee to introduce the tennis sport to the student community.
  - Established weekly training programs for interested members.
- Secretary (2012-2013) and Vice Secretary-General (2014-2015) at Model United Nations Curtin Sarawak.
  - Discussed sponsorship with corporations with in-depth sponsorship letters.
  - Assisted in the logistics involved in hosting 3 External conferences, hosting over 20 delegates from more than 5 countries.

## REFERENCES

- Haitham Hussein
  - QHSE Manager
  - Champion Arabia Co. Ltd, 2<sup>nd</sup> Industrial Area, Al Khobar Saudi Arabia.
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