**SYEDA ZAIRA JAFRI**

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**Objective:**

Mechanical engineering graduate, seeking for a suitable position in an organization where I can utilize my analytical and technical skills for mutual benefits.

**Education:**

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| --- | --- | --- | --- |
| **Qualification** | **Board / Institute** | **Passing year** | **CGPA / Percentage** |
| Bachelors of Mechanical Engineering | NED University of Engineering & Technology | 2017 | 3.413 |
| Intermediate (Pre Engineering) | Board of Intermediate Education Karachi | 2013 | 83.45% |
| Matriculation (Science) | Board of Secondary Education Karachi | 2011 | 87.29% |

**Experience:**

* **Design-o-Tech Building Services Consulting Engineers March 2018 – To Date**
* Working as a **Mechanical Design Engineer** for design of **HVAC** systems for different buildings and process industries.
* **International Automotive Engineers Private Limited June 2016- July 2016**
* Gained Knowledge of various processes for manufacturing different automotive parts like gears, crowns etc.
* Learned about forging, hardness testing and heat treatment processes.

**Project:**

**Development of an Efficient Thermochemical Energy Storage using Ammonia Looping from Solar Power**

* Carried out literature review of different research papers
* Development of a model to store solar energy and converting it to electrical energy when required
* Comparison of results at different flow rates and Solar Flux.

**Co-curricular Activities:**

* Visited **Synergy Corporation** and learned about fabrication, assembly, testing and validation of Gensets.
* Visited **National Refinery Limited** and learned about Lube I and Lube II refinery in addition to fuel refinery.
* Worked as a reporter for Departmental Magazine **“ILLUMINEER”**
* Member of **American Society of Mechanical Engineers** (ASME)
* Volunteered in **DICE energy** 2015.

**Skills:**

* Possess moderate knowledge of **MS Office** (**Word, Excel, PowerPoint), AutoCAD** (basics), and **Minitab.**
* Possess **research skills** and a good learner.
* Have great reading, writing and communication skills.

**Recent Activities:**

* Pursuing online course on **Six Sigma and Total Quality Management** from coursera.

**References:**

To be furnished upon request.