

Contact

Liguria, Genova, Italy
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(LinkedIn)

Top Skills

Microsoft Office
Matlab
CAD

Languages

Urdu (Native or Bilingual)
English (Full Professional)

Certifications

Digital Skills: Artificial Intelligence
Office management certificate
MATLAB

SYED SAFEER MEHDI SHAMSI

Energy Systems: | Recovery | Storage | Dispatch |
Italy

Summary

Striving for self-development through scientific contributions and socio-political awareness.

Experience

Thermochemical Power Group

Research Assistant

January 2022 - Present (1 year 10 months)

Genoa, Liguria, Italy

Air University

University Lecturer

March 2020 - December 2021 (1 year 10 months)

E-9, Islamabad

Faculty of Mechanical Engineering (FME), Institute of Avionics and Aerospace.
(IAA)

Korea Institute of Machinery & Materials

Graduate Research Assistant

March 2017 - February 2020 (3 years)

Yuseong-gu, Daejeon, Korea

Worked on Energy conversion systems in depth, mainly on Organic Rankine Cycles (ORC), thermo-electric generation (TEG) systems and heat pumps. My work included Energy/Exergy modeling, optimization, heat transfer simulations, as well as experimental setup, experimental conduction, data reduction and graphical visualization. I worked on several projects with published work.

Omer Jibraan Engineering industries limited.

Assistant Manager

August 2015 - January 2017 (1 year 6 months)

Lahore

Working as an assistant manager quality control and development in injection molding department in Omer Jibraan engineering industries limited. The company is one of the largest suppliers in cosmetic parts of Honda (Civic and City) , Toyota and Suzuki in Pakistan. I am in charge of final inspection, management of the quality inspectors, In process inspection, Pre-delivery Inspection, mold inspection, Procurement quality check and quality development.

Water and Power Development Authority

Summer Intern

August 2014 - September 2014 (2 months)

Mangla, Azad Kashmir

I worked as an maintenance engineer. Worked on the bearing replacement of the turbine vane.

Packages Group

Summer Intern

July 2014 - August 2014 (2 months)

Lahore

I worked as an Assistant maintenance manager. I was assigned check list tasks and one air pressure leakage project in one of the machines which I was able to handle properly

Descon Engineering Limited

Summer Intern

July 2013 - August 2013 (2 months)

Lahore

I worked in the design department where I worked on designing lugs of pressure vessels. I learned the pressure vessels designing software. also worked in crack detection zone and heat treatment zone.

Education

(UST) University of Science and Technology, Korea

Master of Engineering - MEng, Energy Mechanical Engineering · (2017 - 2020)

University of Engineering and Technology, Lahore

Bachelor of Science - BS, Mechanical Engineering · (2011 - 2015)