Muhammad Ahmmer Saghir

Address: SBP Staff Colony,
Block 4-C, Flat no. 01,
G-7/1, Islamabad

Cell: +92-332-5655102
Email: mahsaghir@yahoo.com

Technical Skills
- **AUTO CAD**
- **PRO-E**
- **CAD/CAM**, **CNC**-Simulator
- Analysis Software (**ANSYS**)

Computer Skills
- C++
- MATLAB
- MS Office
- Windows Installation
- Hardware Technician
- Troubleshooting

Interpersonal Skills
- Quick learner
- Strong and effective communication skills
- Willing to take new Challenges
- Team player
- Honest & hardworking

Extracurricular Activities
- Organizer E-Gaming Event held at HITEC University
- Member **ASME** HITEC STUDENT CHAPTER
- Member of HITEC Sports Society
- Organizing member of HITEC Olympiad-2017
- Cricket, Football

Career Objective

Seeking a challenging work opportunity in a dynamic organization with a goal to capitalize my skills and abilities in the field of Mechanical Engineering

Field Experience

HVAC Engineer (Sep-2017 to Continue)

at AirMech Engineering Industries Pvt. Ltd, Islamabad (www.airmech.com.pk)

Responsibilities

I am responsible for designing and manufacturing of engineered products, including Centrifugal Cabinet Fans, Axial Fans, Roof Extractors, Air Handling Unit (AHU), Evaporating Cooling Unit, Dust Collector and their assistive products like Filters and Louvers. Moreover, the cost and material analysis, workshop maintenance, and production handling is also included in my responsibilities.

Achievements

- Ventilation Fans for Institute of Urology & Transplantation
- Air Handling Units for Heavy Industries Taxila
- Cabinet Fans for NUST
- In-Line Fans for the project of Parliament Lodges

Internee (July-2016 to Aug-2016)

at Pakistan Institute of Nuclear Science and Technology (PINSTECH), Nilore

Responsibilities

I spent 2 weeks in General Service Division (GSD), working on lathe machine, milling machine, shaper machine, shaper machine, welding and CNC, 3 weeks in heating, ventilation and air conditioning (HVAC), and finally 1 week in Material Division (MD) performing hardness test and heat treatment.

Final Year Project

Design and Development of Solar Passive Space Heating

The temperature of the room is maintained by optical modeling of absorbed radiation and utilizing thermodynamics and heat transfer modeling of the system.

Semester Project

- Design and fabrication of drum brake mechanism
- Modeling of heavy excavator on Pro-E
- Distance measurement by using ultrasonic sensor

Educational Qualification

BSc. IN MECHANICAL ENGINEERING (2013-2017)
HITEC University, Taxila

F.SC IN PRE-ENGINEERING (2011-2013)
Punjab College, F-8/4, Islamabad

MATRICULATION IN SCIENCE (2009-2011)
GOVT High School, Mandi Bahauddin

-References will be provided on demand-