



FARHAN AKRAM

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OBJECTIVE

To obtain a full-time job within the engineering department, allowing me to utilize my education while working in a team-oriented environment.

CORE COMPETENCIES

- Strong knowledge of mechanical engineering concepts and principles.
- Perseverant in facing new challenges and capable of meeting objectives and deadlines under pressure.
- Good communication, interpersonal and people skills.

WORK EXPERIENCE

Engineering Intern

Jul 2017 – Aug 2017

Saudi Binladin Group, Jeddah, Saudi Arabia

King Faisal Specialist Hospital & Research Centre - Jeddah Mega Expansion Project

Studied HVAC and Mechanical Systems for the project which included:

- HVAC Chilled Water System
- Domestic Water Supply System
- Drain, Waste & Vent System
- Fire-fighting System

EDUCATION

Bachelor of Engineering (B.Eng.) in Mechanical Engineering

Sep 2014 – Jun 2018

National University of Sciences and Technology, Islamabad, Pakistan

GCE A Level in Physics, Chemistry and Mathematics

Sep 2012 – Jun 2014

Pakistan International School Jeddah English Section, Jeddah, Saudi Arabia

PROJECTS

Final Year Project: Design and Development of Vehicle-Driver Dynamics Logging Unit

Accomplishments:

- Successful data collection from sensors.
- Executed successful testing of the of the product.
- Finalized design of the product under fabrication.

HVAC System of Building: Estimation of heating and cooling load of a building subject to construction material used, climatic conditions, infiltration and other loads.

Jig Design: 3D Modeling of a jig for a given workpiece constraining in 6 degrees of freedom.

TECHNICAL PROFICIENCIES

- CNC Simulator
- AutoCAD
- ANSYS
- MATLAB
- PTC Creo
- Pro ENGINEER
- Visual Studio
- MS Office

Languages:

- English – Full Professional Proficiency
- Urdu – Native / Bilingual Language

EXTRA-CURRICULAR ACTIVITIES

Executive Member

Sep 2014 – Present

American Society of Mechanical Engineers (ASME), EME Chapter

Director Technical Events

Sep 2017 – Jun 2018

EME Olympiad'18