Adeel Asghar

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House # 7/4, Sheet # 17,
Model Colony,
Karachi

OBJECTIVE

Aiming to start my career from an organization which provides challenging tasks to develop and utilize my organizational and problem solving skills to deliver timely and positive results.

HIGHLIGHTS OF ACHIEVMETNS

- Participant of **Global Ugrad Exchange program** Fall 2016 at Montana State University, USA
    - → Served as ambassador of Pakistan at MSU
    - → Attained 4.0 GPA
    - → Attended "Leadership Exploration" workshop and course
    - → Interacted with people from various backgrounds and helped elucidate misconceptions about Pakistan
- **Merit Based Scholarship** throughout Bachelors
- **100% Merit Based scholarship** throughout A levels
- **Winners** in "Innovation De safio" module at Thermocon'15 GIKI, Topi
- **Winners** in "DSU Hunt", Contrivance'16
- **Winners** in BSS intra cricket tournament 2012-13
- Runners up in "Hack Lab" module at Thermocon'15 GIKI, Topi
- Runners up in "Soap Soccer", Contrivance'16

EDUCATION

Bachelors of Engineering, Mechanical Engineering, (CGPA 3.8/4.0)	**2013-18**
DHA Suffa University, Karachi	
GCE Advanced Levels, (Equivalency 80.9%)	**2011-13**
Beaconhouse School System, Karachi	
GCE Ordinary Levels, (Equivalency 83.5%)	**2009-11**
Karachi Public School, Karachi	

INTERNSHIP

Loads Limited (3 weeks)   **January 2016**

- Study on Sheet metal rolling, drawing & cutting
- Study of Spot welding, leakage & quality checks

FINAL YEAR PROJECT

Design and Fabrication of a low concentration PV module

Optimize the design and Fabrication of Parabolic concentrators and seasonal tracking mechanism to maximize irradiation and Power output

TERM PROJECTS

Generated CAM simulations on PTC creo for manufacturing a shopping bag handle's mold

Energy Audit of a Two Storey Green Office Building as per ASHRAE Standards using HAP

Design and Fabrication of an exercise machine signifying the value of bearings

Design and Fabrication of a Truss Bridge to determine the strength of structure by analyzing the distribution of load throughout the members

Design and Fabrication of a line following robot with feedback control using MATLAB and Simulink simulations

SKILLS

Professional

- Interpersonal Skills
- Communication Skills
- Leadership Attribute

Software

- Solidworks
- Ansys
- PTC Creo 2.0
- AutoCad
- EES
- Microsoft Office