

Muhammad Aibak Arshad

MECHANICAL ENGINEER

OBJECTIVE

Ambitious to build a career with an organization where team work is required and hard work is appreciated and to be in a position which is best suited to my knowledge & skills.

EDUCATION

NUST School of Mechanical & Manufacturing Engineering

B.E. Mechanical Engineering

Sep 2014 - June 2018

CGPA – 3.26

Sadiq Public School Bahawalpur

A - Levels

Aug 2012 - June 2014

3A stars (950/1100 86.36%)

The City School Bahawalpur

O - Levels

Aug 2009 - June 2012

2A stars, 6A, 1B (765/900 85%)

PROJECTS

Autonomous Vehicle Control

- Image processing using raspberry pi and opencv
- Lane & obstacle detection using image processing

Walking gait analysis

- Compared stress patterns at different walking speeds

Temperature and humidity map

- Used arduino and DHT22 to create a temperature and humidity map within Nust.

Hyper loop Pod design and analysis

- Designed seats and pod using static and dynamic analysis.

Power supply design

- Created 240V input to variable output (0-16V).

SKILLS

Technical:

- Microsoft Office Certified 2016 (Excel, PowerPoint, Word)
- C++ (basic), Python (basic), OpenCV (basic)
- Computer Aided Design (basic), Pro E (basic)
- Matlab (basic)
- Video Editing using after effects and premiere pro (professional)

Managerial:

- Director Graphics in DICE, External Relations Executive NCSC
- Organized skiing trip to Swat, hiking trip to Mushkpuri
- Team lead in semester projects

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WORK EXPERIENCE

INTERNSHIPS

Fauji Fertilizer Company Limited

Jul 2016 – Sep 2016

- Learned about the construction, functioning and maintenance of centrifugal pumps, valves, compressors and heat exchangers.
- Studied the basics of pipe fitting, gaskets, flanges and seals.

VOLUNTEER WORK

- Organized free Eye checkup camp in NUST in collaboration with Al-Shifa.
- Participated in two different school renovation programs.
- Conducted multiple blood donation drives in NUST in collaboration with AFIT.
- Collected funds for earth quake and flood victims on various occasions.
- Member of AL QALAM project.

PROFESSIONAL WORK

Fiverr Freelancer

Aug 2016 – Present

- Video editing using adobe after effects and adobe premiere pro.
- Created promos for different music companies
- Created 'how to' videos for new softwares

Upwork Freelancer

Mar 2016 – Jun 2016

- Web development using wordpress, html 5, php and css
- Created online shopping store

HONORS & ACTIVITIES

Awards:

- Top rated seller on fiverr.com (for 3 months)
- Merit Scholarship in Semester
- Winner of Maths competition in Nust Olympiad 2017
- Winner of Mathfest competition 2017
- High Achievers certificate in A levels and O levels.
- Head Prefect in School (2011)

Interests:

Extensive Reading | Travelling | Cricket | Video games | Freelance on fiverr.com