

Muhammad Shahzaib Butt

Mechanical Engineer

Engineer Seeking for a position which will utilize technical skills while affording professional growth.



shahzaibbutt94@gmail.com

+92-304-0552692

CB 2506 Street # 10 Allama Iqbal Colony,
Rawalpindi, Pakistan

WORK EXPERIENCE

Internee TechValley

06/2017 – 08/2017

Team Leader ArmPlus

08/2017 – 05/2018

ArmPlus is a wearable robotic arm for shoulder and elbow joints controlling and augmenting 4 DOF.

Achievements/Tasks

- Fabrication of a prototype capable of imitating the motion of a real human arm.

PERSONAL PROJECTS

Design and Fabrication of 4 DOF upper body exoskeleton (08/2017 – 05/2018)

- Procurement of robust prototype

Electric Kettle Design

- Store Energy for about 1.5 hours
- Energy Efficient

Bridge Beam Design

- Cost Effective Solution

Gear Design (Excel)

- Results within 4% of catalog ratings

Design of shaft for gearbox

- Factor of Safety of 2

EDUCATION

Bachelors in Mechanical
National University of Sciences and Technology (NUST)

08/2014 – 2015

3.36

Intermediate (Pre-Engineering)
Global College of Sciences

07/2012 – 07/2014

85%

Matric
502 Model College

2009 – 2011

92%

SKILLS & COMPETENCES

Leadership

Project Management

Team Work

Microsoft Visual Studio (C++)

MATLAB

Pro-E

Autocad

Solidworks

Creo

Microsoft Office

ANSYS

TEACHING

Intermediate and Matric (2016 – 2018)

Home Tuition

Intermediate (06/2016 – 08/2016)

Federal Abdali College

CERTIFICATIONS

Participation in FICS (2018)

ASME (2014 – 2015)

ACHIEVEMENTS

GPA based scholarship

Silver Pointer Badge

Scholarship in matric and intermediate from FEBGIF

Second Position in College

INTERESTS

National Affairs

Freelancing

Indoor Sports

Debating

Book Reading