Syed Aakif Masood

Mechanical Engineer

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EDUCATION

Bachelors
Ned University Of Engineering And Technology.

2015 - 2020   *Karachi, Pakistan*

Courses
- Majors in Mechanical engineering

WORK EXPERIENCE

Internship
Shanghai Industries Pvt. Ltd.

06/2019 - 12/2019
Production of Welding Rods
Achievements/Tasks

- Completed partial or full dismantling of equipment to quickly repair or replace defective components and restore functionality.
- Coordinated installation of systems, machinery and components.
- Performed troubleshooting, diagnosis and repair of equipment.
- Inspected all machines and equipment and provided necessary repairs.
- Utilized gauges, tools and equipment to complete in-depth assessments of a standard wire gauge and final prodouct.
- Checked color, shape, texture and grade of products and materials against established templates, charts and samples.

SKILLS

`JavaScript` `CSS` `HTML` `Docker` `Kubernetes` `linux` `Quality Control` `Communication` `Matlab` `AutoCad` `lathe operations`

PERSONAL PROJECTS

Seat Selection at Movie Theater (09/2020 - 09/2020)
- **Select from movie choices and seats in a theater in order to purchase tickets.**

Video Player (09/2020 - 09/2020)
- **Custom video player using the HTML5 video element and it's JavaScript API with a custom design**

Classic Hangman Game (10/2020 - 10/2020)
- **User can select letters from keyboard to guess the word in a certain number of tries**

Catapult, ASME competition (05/2016 - 07/2016)
- Winner of Catapult wars
- Fabricated a Wooden Catapult and applied techniques to improve the range and precision of the projectile fired through it

Effect Of Micro-structure on Tensile Properties of Alloy Steel . (08/2018 - 08/2019)
- - Tensile Testing on AISI 1045 Medium Carbon Steel to determine the wear properties at high temperature. The test was also carried out at elevated temperature on Ultimate Tensile Testing machine
- Analyzed the Drawbacks and factors that improves the hardness of AISI 1045 Alloy Steel

ORGANIZATIONS

American Society Of Mechanical Engineering (01/2016 - 03/2017)
Memberships

CERTIFICATES

Cloud Native Programming (02/2020 - Present)
Doing certification from Axiom. This program involves Cloud computing and Web Development Using JavaScript.

Air Control Units (05/2019 - 05/2019)

INTERESTS

`Web Development` `DEVOPS` `Machine Maintenance` `Project Management` `Production`