# 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



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Syed Aakif Masood

Mechanical Engineer

# 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