

Curriculum Vitae

TALHA AHMED

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Education

- **BS Electronic Engineering**
Sir Syed University of Engineering and Technology, Karachi. (2015-2018)
CGPA of 8 semesters 2.99
- **Intermediate**
Govt. Degree Boys College Gulistan -e- Jauhar, Karachi. (2014)
Grade A
- **Matriculation**
Shadman Academy, Karachi. (2012)
Grade A

Relevant Coursework

- CCNA (Routing and Switching) by Cisco Networking Academy from September, 2018 till January, 2019.

Job Experience

- **MTO (ELECTRONICS) - Yunus Textiles Mills** (13 MAY 2019 - PRESENT)

Following are some of my responsibilities

- I. Collaborating with technicians for the maintenance and troubleshooting of TEXPA MACHINES (Pillow case, Flat sheet and box fitted).
- II. Maintenance and troubleshooting of SmartMRT (Unit Production Hanger System).
- III. Minimizing Energy Consumption by connecting tube lights directly to sewing machines and restricting their relocation.
- IV. Design and implementation of the control circuit for packing machine.
- V. Assembly of Magetron (Longitudinal Length Hemming and Cross Cutting) machine.
- VI. Maintenance and troubleshooting of Magetron (Longitudinal Length Hemming and Cross Cutting) machine.
- VII. Using relay and timer to generate delay on the output of a specific sensor in Magetron.

Internship

- Internship at Al Karam Towel Industries as a subordinate of network administrator and Electronics Engineer from Jan, 2019 to April, 2019. Following were some of my responsibilities
 - I. Determining how the towel length could be calculated which is being processed through Anglada (Dryer Machine) and presenting its demo (calculation of length using microcontroller, proximity sensor, Hall sensor and transferring it to client through the network).
 - II. Determining how to fetch the data from PLC (Siemens S7-1200) and HMI by enabling data logging in the HMI and enabling web-server built-in within the PLC.

- III. Using VMware Workstation to run multiple operating systems on a single machine in order to run SIMATIC WinCC (TIA Portal) for plc and HMI monitoring.
 - IV. Configuration (password, hostname, telnet, SNMP, IP, VLANs) of all the switches with in the unit.
 - V. Placing all the switches in a monitoring software and constructing a topology.
 - VI. Using a feature within the software to generate an email whenever a switch is down and Keeping track of ping response time using SNMP feature.
 - VII. Designing and Configuration of inter-VLAN routing through packet tracer and presenting it.
 - VIII. Implementation of Access control using Time Attendance machine and Magnetic Electric Door Lock.
 - IX. Using contactor to run a 3-phase motor and its controlling.
- Internship in IT department under the authority of automation engineer at Al-Karam Textiles from Sep,2017 till Nov, 2017.Following were some of my responsibilities
 - I. Assisting Automation Engineer in maintaining systems in the quality control department.
 - II. Maintenance of access control system with Barcode Scanner.
 - III. Assisting Automation Engineer in recording the efficiency of the spinning machine and transferring the data through radio frequency and then Ethernet.
 - IV. Using .NET Framework and designing basic projects.

Personal Skills

- Willingness and curiosity to learn.
- Desire and enthusiasm for taking part in novelty and advancement in technology.
- Self-motivated, confident and professional individual.

Extra Curricular Activities

- Participated and got 3rd position in Inhouse Project exhibition. SSUET, Karachi
Project: (Wireless Power Transformer) (2017)
- Participated in Inhouse Project Exhibition. SSUET, Karachi.
Project: (Car Controlling using “MATLAB GUI”) (2017)
- Development and Presentation of final year project. SSUET, Karachi.
Project: (Brain Computer Interface) (2018)

Volunteer Services

- Volunteered in organizing the event
ROBOCOM'17, SSUET, Karachi. (2017)

Personal Information

Father's Name	Muhammad Ahmed Patel
Date of Birth	06/07/1996
Nationality	Pakistani
Gender	Male
Language	Proficient in English and Urdu

Reference

Available on request.