

OSAMA QAMAR

| North Nazimabad, Karachi | 03422704062| osamaqamar93@gmail.com |



Professional summary

Entusiastic assistant engineer, eager to contribute to team success through hard work, attention to detail and excellent organizational skills. clear understanding of electronics and embedded system and training in rust programming for STM32 cortex M architecture, Motivatied to learn, grow and excel in industries.

Personal Information

- | | |
|---------------------------------|----------------------|
| - Name : Osama Qamar | - Religion : Islam |
| - Father Name : Qamar u Zaman | - Status : Unmarride |
| - Date of birth : 11-Apr - 1993 | |

Education

- AIOT Developer : *Internet of things and AI, 7/2021.*
- President initiative for AI - Bahria Auditorium, Karachi
- Masters of Science: *Physics, 12/2019*
- Karachi University - University Road , Karachi
- Diploma of assosiate engineering: *Electronics Technology, 12/2015*
- Xcellence College of technology - Buffer Zone, Karachi
- Matriculation: Science, *Science, 12/2010*
- IIsar Foundation school - Bufferzone, Karachi

Skills

- | | |
|---|----------------------------|
| - Protueus 8 professional | - Circuit borad inspection |
| - Arduino programming | - cuircuit troubleshooting |
| - Adobe PS / Illustrator | - HTML/CSS/Javascript |
| - RUST Launguage/Embedded RUST | - Debugging |
| - Processing (curve, Drawing, Geometry, Animation, E.T.C) | - STM32Cube IDE |
| - GitHub | |

Accomplishment

- Project Smart Home - Using Arduino Automate different sections in home like rooms, water tank, and auto fish feeding system
- Project smart garden irrigation system - using arduino and esp32, automate the watering process with monitoring over mobile app
- Project solar inverter- convering solar to 220V AC 500W house supply
- Project CNC - using Arduino, build CNC machine for PCB Designing of size upto 5 by 5 inches.
- Hall Effect (university project) - Design an experiment for physics lab to measure megnetics field using hall sensor.
- DAC (university project)- make a data acusition system using arduino and matlab to plot data.
- Thermal Efficiency (university project) - Build a module to measure thermal efficenciy using peltier device.

Professional TimeLine

- Current

Factor LEDs Pvt



Daraz.pk



Designation : Technical Assistant

Place : Karachi, Pakistan

Reference : www.factorled.pk

Responsibilities :

- Resolve day to day issues to assigned production centers.
- Co-ordinate with outside resources, such as engineers, service, contactors e.t.c.
- Develop, plan, schedule and implement improvement equipment reliability.

Designation : Daraz Vendor // online Shop manager

Place : Karachi, Pakistan

Reference : www.daraz.pk/shop/indigo-lighting

Responsibilities :

- Managing inventory, social media, customer chat response.
- Listing product, adding SKUs, managing campaign and bundles.
- order dispatching, finance management

2020-21

Factor LEDs Pvt



Indigo lighting & Accessories



Designation : Repairing & Quality incharge

Place : Karachi, Pakistan

Reference : www.factorled.pk

Responsibilities :

- Troubleshooting and resolve electrical, electronic, control, manufacturing and plant equipment and operation issues.
- Monitoring and reporting repairing line operations
- maintaining repair line equipments and components inventory

Designation : Shop incharge & Inventory manager

Place : Karachi, Pakistan

Reference : shop#1, 16/A Bufferzone

Responsibilities :

- Ordering, recording, and managing inventory
- Ensuring the shop is adequately stocked, clean, and visually appealing
- Managing and accounting for all money-handling procedures

2018-20

Hayat Pvt



Freelance



Designation : Project Coordinator

Place : Karachi, Pakistan

Reference : Nazimabad

Designation : Student project maker

Place : Karachi, Pakistan

Reference : work from home

2017-18

Filtronix Pvt



Freelance



Designation : Circuit Board Assembler

Place : Karachi, Pakistan

Reference : Co-operative market Saddar

Designation : Student project maker

Place : Karachi, Pakistan

Reference : work from home

2013-17

Muddassir Printers



Designation : Machine setter and operator

Place : Karachi, Pakistan

Reference : Nazimabad # 5

Responsibilities :

- Calibrated, tested, and adjusted machine settings or controls in preparation for printing operations.

2010-13

Skyline Printers



Designation : Machine setter and operator

Place : Karachi, Pakistan

Reference : Nazimabad #5 shop# 113

Responsibilities :

- Identify malfunctions or failures by routinely monitoring and analyzing equipment operations.