

Hassa Aziz

📍 Shamsabad, Rawalpindi

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🎓 Education

BE Industrial Electronics, IIEE/NED UET Karachi

2016 – 2020
Karachi, Pakistan

👛 Professional Experience

Survey Engineer, LCC Pakistan

Working on MS Huawei project

2022 – present
Islamabad, Pakistan

Drive Test Engineer, Turnotec Pakistan

- 4G complete testing of all EARFCNS
- Testing including RSRP, PDSCP, SINR, PING
- CSFB from LTE to 3G 2G
- Ps IRAT and CS IRAT from 4G to 3G and 2G

08/2021 – 11/2021
Islamabad, Pakistan

Survey Engineer, Spine Network

Worked on object survey, Power survey and LOS Survey of ZONG, JAZZ And CMPAK

01/2021 – 06/2021
Islamabad, Pakistan

🧠 Skills

- ISDP App
- TEMS 16&22
- MS Office
- PLC (Siemens Step-7)
- MATLAB
- Multisim-11.0

📁 Projects

Industrial manipulator for stacking of small package products (cubes), FYP

Designed Industrial manipulator to execute one or more tasks automatically with speed and precision. In our project, we used Arduino as a controller, Python language, and a robotic operating system. The main features are:

- It detects the small pieces of cubes (100g-150g) by using stacking sensor
- The axis design contributed to the robot's short cycle time, low weight, low complexity, and ability to hold a higher payload of 100 g -150g, well above the weight of the small cube.

12V DC to 220V AC Inverter, Academic Project

3 Volts DC to 5 Volts DC Converter, Academic Project

Line follow robot (LFR), Academic Project

📜 Certificates

- Career Fellowship from Amal Academy
- Introduction to Amazon Elastic Compute Cloud (EC2)

Awards

Ignite National Technology Fund, *Won having best project final year project*

2020

Languages

Urdu • Pashto • English

References

Will be provided on demand