

# Muhammad Habza Malik

House # I/478, Street # 8, Mohalla Qutbuddin, Committee Chowk, Rawalpindi 46000 \* 0092 (331) 5721112 \* m.habza1112@gmail.com

## PROFESSIONAL EXPERIENCE

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### PAKISTAN RAILWAYS CENTRAL DIESEL LOCOMOTIVE WORKSHOP, RAWALPINDI

*Internee Engineer, Aug 2016 – Sep 2016*

### TESLA INDUSTRIES (PVT) LTD, ISLAMABAD

*Internee Engineer, Sep 2015 – Oct 2015*

### PAKISTAN RAILWAYS CARRIAGE FACTORY, ISLAMABAD

*Internee Engineer, Aug 2015 – Sep 2015*

## SKILLS AND COMPETENCIES

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|--------------------------|------------|
| • Microsoft Visual C++   | • Proteus  |
| • Matlab                 | • Arduino  |
| • PLC Ladder Programming | • Creo PTC |
| • Mplab                  | • LabVIEW  |
| • Microsoft Office       |            |

## EDUCATION

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### NUST COLLEGE OF ELECTRICAL AND MECHANICAL ENGINEERING, RAWALPINDI

*Master of Science in Mechatronics Engineering*

- In Progress, September 2017

### UNIVERSITY OF WAH, WAH ENGINEERING COLLEGE, WAH CANTT

*Bachelor of Science in Mechatronics Engineering, 2017*

- CGPA 3.03/4.00

## SEMESTER PROJECTS

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- Design and Control of Autonomous Parachute System
- Temperature Measurement Using Thermocouple with MAX6675
- Transmit, Receive Data Using I2C communication of PIC16F877A
- Design and Control of Water Tank Using Ladder Logic
- Wall Follower And Color Sensor Robot
- Analysis of Manual Gear Box Failure
- Electronic Voting Machine Using PIC16F877A
- Stepper Motor Controller
- Doorbell for Deaf
- Electronic Mail Box
- Seat Reservation System Program

## BACHELOR'S FINAL YEAR PROJECT

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Design and Control of an Omni-Directional Robot Using Omni Wheels

## ADDITIONAL SKILLS

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- Former President of WEC Social Services Club, 2017
- Former Secretary of Mechatronics Professional Society, 2016

## REFERENCES

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- Available on request.