### Abdur Rehman Mubashir

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#### **WORK EXPERIENCE**

# Trainee EESINT

08/2017 - 08/2017

Rawalpindi

- Achievements/Tasks
- 2 week industrial training on PLC (S7-300).
- Basic HMI(Human Machine Interface).
- Introduction to SCADA.

#### Research Assistant

National University of Science and Technology (NUST)

07/2017 - 08/2017

- Achievements/Tasks
- Intro to java language
- Android app development
- Gained practical knowledge of 3D printing

#### **ACADEMIC PROJECTS**

Automatic Green House with IoT (internet of things) monitoring and control (09/2017 – Present)

- Fully automated Green House.
- Real time sensor monitoring through a mobile app.
- Control through app.

#### Autonomous Line & Wall following robot

- Programmed the robot using arduino
- Structure was designed using Pro engineer

#### 3-D design of crankshaft with pistons (CREO)

- Crankshaft assembly was made with pistons attached.
- Animation was also done.

#### Electrocardiography Machine using Lab View

- Simulated and analyzed electronic circuitry for extraction of heart pulses on Proteus and Simulink.
- Used LAB VIEW for analysis of heart pulses activity.

#### **EDUCATION**

Bachelor of Mechatronics Engineering
National University of Science and
Technology (NUST)

09/2014 - 06/2018

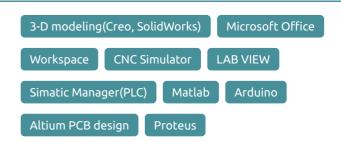
CGPA 3.28/4.00

Higher Secondary School Certificate (Pre - Engineering)

F.G Sir Syed College The Mall, Rawalpindi

08/2012 - 05/2014

#### **SKILLS**



#### **ACHIEVEMENTS**

## Runner-up National Engineering and Robotics Competiton (NERC) 2017

Secured 3rd position among 60 teams participating from all over Pakistan

#### NUST merit based scholarship

Awarded for scoring 3.5+ gpa.

#### CERTIFICATES

Microsoft Office Certification (MOS Test)

Digital badge issued by microsoft

#### PLC Industrial Training Certificate

Issued by EESINT, Rawalpindi office.

#### **EXTRA CURRICULAR ACTIVITIES**

Organized a fund raiser event in university

All funds generated were added in the endowment fund of university.

Organized iftar dinner for less privileged people Students contributed for this dinner.

#### INTERESTS

Automotive Technology Electronic Gadgets

E-Sports Formula 1 Racing