



# Muhammad Abu Bakar

Mechatronics & Control Engineering Student

## CONTACT ME

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[Muhammad Abu Bakar](#) 3D Designer

Raja Colony, Haroonabad, Pakistan

## EDUCATION

B.Sc Mechatronics and Control Engineering  
University of Engineering & Technology  
Lahore  
[ 2020 – Current ]

Intermediate  
Government Rizvia Islamia Post Graduate  
College Haroonabad  
[ 2018 – 2020 ]

Matriculation  
Fauji Foundation Model School  
Haroonabad  
[ 2016 – 2018 ]

## DIGITAL SKILLS

SolidWorks	Win ProLadder
Autodesk AutoCAD	C++
Microsoft Office	Fusion 360
Proteus Design Suite	Swansoft SSCNC
MATLAB	Floorplanning

## ABOUT ME

CAD Designer, Quick Learner, Hardworking, Punctual, Honest, Good Leading and Management Skills

## WORK EXPERIENCE

Event Management 2021 - 2022

Campus Sports Committee | Faisalabad

Member of Event Management Team of Campus Sports Committee - UET Faisalabad. Learned Management skills by arranging many sports events.

Head of Table Tennis 2022 - 2023

Campus Sports Committee | Faisalabad

Head of Table Tennis at Campus Sports Committee - UET Faisalabad. Managed different Table Tennis Tournaments.

## TERM PROJECTS

IOT Based Door Lock System [ 01/2023 - 04/2023 ]

Used NodMcu8266 Controller, 4x4 Keypad, Solenoid Lock, Servo Motor, AC to DC Charger etc.

Weighing Scale using Arduino Uno [ 12/2022 - 01/2023 ]

Used Load Cell, Load Cell Module, LCD, Arduino etc.

Excavator on SolidWorks [ 12/2022 - 12/2022 ]

Designed on SolidWorks 2021.

Password Security System [ 04/2022 - 05/2022 ]

Used PIC18F452, LCD, 4x4 Keypad, Gear Motor, L293D Ic etc.

Airport Management System [ 12/2021 - 01/2022 ]

Software based used C++ Language, File Handling etc.

Mini Elevator Using Arduino Uno [ 12/2021 - 12/2021 ]

Used Arduino Uno, BCD, Servo Motor etc.