

HAFIZ LABEED AHMAD



PROFILE

I am a dedicated, performance-driven electrical engineer with interests in science, technology and research. This combination adds to my intellectual prowess making me a competent candidate, capable of learning and experimenting challenging ideas.

EDUCATION

B.E. Electrical Engineering 2014-2018
(CGPA 3.32/4.00)
National University of Science & Technology

SKILLS

SOFTWARE : HFSS, MATLAB, PROTEUS, MPLAB, Multisim, ADS, MS Office, Photoshop, Illustrator, Arduino & AutoCAD.
Programming Languages : C/C++, Java, Assembly, MATLAB, Verilog & Arduino.

PROJECTS

Tunable Microstrip Patch Antenna using Liquid crystal^(FYP): Design and fabrication of a liquid crystal based multi-frequency microstrip patch antenna.
Digital Audio Equalizer: Simulation of digital audio equalizer using digital signal processing techniques in MATLAB.
Wireless Gesture Controlled Robotic Arm: Implemented a 3 DOF robotic arm controlled by microcontroller using BT.
RFID Based Security System: Database equipped RFID scanner based security system controlled by microcontroller.
Sorting Algorithm: Implemented IEEE Research paper titled 'Back And Forth Sorting in conjunction with Quick sort'.

EXPERIENCE

Intern at Shahtaj Sugar Mills co. : Summer 2016
Performed engineering inspections of systems operations and of structures and facilities during construction. Identified and recommended engineering solutions.
Intern at IESCO : Summer 2017
Conducted engineering research and provided technical assistance to consulting engineers.

HONORS

Merit Scholarship in college 2012-2014
Scholarship from NUST for SGPA of 3.5+ 2015-2016

CONTACT

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