

Danish Anwar

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Date of Birth: October 20, 1992

Certifications

- * Advanced MATLAB for Scientific Computing, *Stanford Online*
- * Modelling and Simulation using [MATLAB](#), *iversity.org*
- * Introduction to [C++](#), *Microsoft (edx)*
- * The [Arduino](#) Platform and C Programming, *University of California, Irvine*
- * The [Raspberry](#) Pi Platform and Python Programming for the Raspberry Pi, *University of California, Irvine*

Achievements

- * Winner of MATLAB Guru, *FETEX'16, IIUI*
- * Winner of MATLAB Competition, *Spectra 2016, IIUI*

Skills

- * MATLAB & Simulink
- * Keil uVision
- * Raspberry Pi
- * Python
- * JAVA
- * Atmel Studio 6.2
- * Arduino
- * C/C++
- * Xilinx ISE 8i / Verilog HDL
- * LABVIEW

Internship

- * National Institutes of Electronics, Islamabad, August 10, 2016 - September 21, 2016
- * Smart PCBs, Islamabad, July 06, 2015 - August 17, 2015

Objective

I am looking for working environment where I may gain hands on experience and utilize my skills.



Projects

- * Electronic Fuel Injection(EFI) for Small Engine (Final Year Project)
- * Gesture Controlled Car
- * Solar Tracking System Using OP-AMP
- * Dual Tone – Multi Frequency (DTMF) Based Voting Machine
- * Create Simulink S-Function to Read Gyroscope/Accelerometer (MPU6050) Sensor
- * Modelling Transfer Function of RC Circuit Using System Identification Toolbox
- * Sequence Detector Using Simulink Stateflow and Arduino
- * Model Dynamic System in MATLAB Using ODE Suite
- * Frequency Meter and Pulse Width Measurer Using Atmega328
- * Proportional Controller for Electronic Speed Controller Module
- * Sending Ultrasonic, PIR, Gas, Temperature And Humidity Sensors Data Through SMS Using SIM900
- * Waveform Generator With Custom Frequency and Waveform (Sine, Square, Triangular) Using Lookup Table and R-2R Logic
- * Electronic Gate Control Using ESP8266 Through Browser
- * Restaurant Menu System Using Raspberry Pi and Python
- * Raspberry Pi Weather Station: Upload Sharp Dust Sensor, DHT22, BMP180 to MySQL Server
- * TCP/UDP Socket Programming Between Two Raspberry Pi for Application of Person Counters

QUALIFICATION	INSTITUTION	GPA/GRADE
BS (Electronic Engineering) 2013-2017	International Islamic University, Islamabad	3.73 / 4.00
Intermediate 2010-2012	Government Zamindar Post Graduate College, Gujrat	A (71%)
Matriculation 2008-2010	Workers Welfare School, Gujrat	A+ (82%)