


MURUGA DARSHAN A/L S.GNANAPUPATHI
Bachelor of Engineering(Hons)
Electrical-Electronic (computer)
Engineering
Universiti Teknologi Malaysia (UTM)

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Personal Details	Age :22years old Gender : Male Nationality : Malaysian Languages :English, Malay, Tamil Permanent Address :No. 27 Jln GP 3/4 Taman Gombak Permai 68100 Batu Caves, Selangor MailingAddress : (same as the permanent address)			
Objective	To obtain an internship opportunity to experience the real working environment that can empower my knowledge and skills in Electrical Engineering.			
Education Background	Degree	Universiti Teknologi Malaysia	2014- current	
	Foundation	Kolej Matrikulasi Johor(KMJ)	2013-2014	
	SPM	SMK Hillcrest, Selangor	2008-2012	
Working Experience	CRO at TGV Wangsa Walk (2013)		CGPA	2.54
Projects	Subject	Project	Description	
	Digital Electronics I	4Junction TrafficLight	Circuit simulated using Multisim software and built using basic ICs such as JK flip-flop, NAND, OR, AND, NOT and NOR gates.	
	Introduction to Electrical Engineering	Dark Sensor Light	LEDs and four 2-way switches were used for a quiz session and it is programmed using Arduino	
	Digital Electronics	Designing a VolumeAdjustable Speaker	Design a volume-adjustable speaker using implementation of transistors only In the circuit design	
	Microprocessor	Ultrasonic Distance Sensor	Using Ultrasonic sensor to detect distance. ATmega 32 board used with coding written on Atmel Studio 7.0	
Software Skills	C Programming Multisim Pspice		AtmelStudio 7.0 Quartus II	SonyVegas MicrosoftOffice MATLAB

Extra-Curricular Involvement	Year	Activity		
	2017	Director of program Rangoli 2.0 under PMH UTM 2017		
	2016	Participant of Bursa Malaysia Youth Convention 2016		
	2016	Vice director for PMH Ranggoli Festival 2016		
	2016	Exco Member of Multimedia of PMH UTM 16/17		
	2014	Participant of SMC National Youth Convention 2014		
	2013	Participant Of Robokar Competition by UTM at KMJ		
	2012	National Chemistry Quiz Competition (MERIT)		
Course Taken	MajorCourses		Minor Courses	
	Circuit Theory		Introductionto Electrical Engineering	
	C Programming Techniques		Academic English Skills	
	Circuits and Systems		Engineering Mathematics	
	Electronic Devices		DifferentialEquations	
	Digital Electronics		Engineering Statistics	
	Engineering Science		Numerical Methods	
	Electronic Circuits		Malaysia Dynamics	
	Signal and Systems		Islamic Civilization and Asian Civilization	
	Electronic Instrumentation & Measurement		Advanced Academic English Skills	
	Basic Power and Electrical Machine		ProfessionalCommunicationSkills	
	Digital Systems		Health,SafetyandEnvironment	
	Electromagnetic Field Theory		Financial Management	
	System Modelling and Analysis		Creative & Critical Skills	
	Microprocessor			
	Communication Principles			

Reference	<p>MR.Muhammad Arif B ABD Rahim</p> <p>Senior Lecturer Department of Electrical Engineering, Universiti Teknologi Malaysia.</p> <p>Email: arif@fke.utm.my Phone:+60197506221</p>	
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