MOHAMAD FIRDAUS BIN ZULKIFLI

+019-6396561 | **firdaus.zulkifli2493@gmail.com**

NO B33 JALAN BANI YAAKOB BATU 3, PAYA PULAI JALAN MARAN
28000,TEMERLOH PAHANG

ABOUT ME

Name	:	Mohamad Firdaus Bin Zulkifli
Date of birth	:	24 November 1993
Nationality:		Malaysian
Marital Status	:	Single

PROFESSIONAL SKILLS

- Microsoft Word
- Arduino
- VisualBasic Programming
- HCS12/HCS11 Microprocessor
- ModelSim
- QuartusPrime
- Verilog
- Ltspice
- C++
- Proteus Software
- IDE_MCU 5051 software
- HTML/CSS

LANGUAGE

- Malay
- English

EDUCATION

Degree Level (2014-2017)

Course	:	Electronic Engineering
CGPA	:	3.13
University	:	MARA University of Technology, Shah Alam

Diploma Level (2011-2014)

Course	:	Electrical & Electronic Engineering (Majoring in Computer)
CGPA	:	3.12
University	:	MARA University of Technology, Dungun Terengganu

SPM level (2009-2010)

Course	:	Sijil Pelajaran Malaysia
Result	:	2A
School	:	Sekolah Menengah Kebangsaan Paya Pulai

REFERENCES

Fadzliana Binti Saad

Lecturer, Faculty of Electrical Engineering,
University Teknologi MARA (UiTM),
Mobile : +6019-5586514

Abdul Karimi bin Halim

Lecturer, Faculty of Electrical Engineering,
University Teknologi MARA (UiTM),
Mobile: +6013-3887711

WORK EXPERIENCES

INDUSTRIAL UPSKILLING PROGRAMME (SEPTEMBER 2017 - FEBRUARY 2018)	**USAINS HOLDING SDN BHD ("THE PROGRAMME')** The Programme for sector Electrical &Electronics;Advanced MicroElectronics-Industrial Upskilling. The programme is to equip participant with necessary knowledge, skills and attitude aimed at enhancing employability in the market.
TRAINEE (JULY-SEP 2016)	**TENAGA NASIONAL BERHAD (TNB)** Repairing damaged meter and learn on how to install high voltage current in big buildings.
WIREMEN (2014)	**SAMUDERA SDN BHD** Install the main circuit breaker box,plan and install electrical lines in new or existing construction and troubleshoot and make repairs to faulty lines and systems
CHEF (2011-2014)	**ARAB RICE SHOP** Working as a cooks and also do some dishes,delivering great food and suggesting menu items.
PART TIMER (2010)	**HOSPITAL'S CAFÉ** Helping to keep the café's clean,completing side work and helping teammates out whenever needed.
NIGHT MARKET TRADER (2008-2010)	Open up an outlet and cook variety of foods.

EXTRA CURRICULAR

HANDBALL **(2014-2017)**	**2017** -Participating in Fifth Open Challenge (Handball) -1stPlace in Kejohanan Sukan Antara Kolej(SUKOL) **2016** -1st place in Sukan Antara Fakulti(SAF) -1st place in KARISMA **2015** -2ndPlace in Kejohanan Sukan Antara Kolej(SUKOL) -1stplace in Sukan Antara Fakulti(SAF) -2nd place in KARISMA **2014** - Participating in Sukan Antara Fakulti(SAF) for Handball
MOUNTAIN BIKE (2015-2017)	**2017** -1stPlace in Kejohanan Sukan Antara Kolej(SUKOL**)** **2016** -1stPlace in Kejohanan Sukan Antara Kolej(SUKOL) -1st Place in Sukan Antara Fakulti(SAF)
Futsal (2014)	Participating in Kejohanan Futsal NR Piala Majlis Pengetua

ACHIEVEMENTS

FINAL YEAR PROJECT **(2017)**	This project is designed to be beneficial to the students who are unhealthy and too weak to go to the clinic. The project consists of software and hardware implementation. The software part is built using apps inventor that provides the details of temperature and health condition, where students with a smartphone can detect their own temperature and display it on the

	smartphone screen. The project utilizes Arduino and apps software. Meanwhile for the hardware, LM35 is utilized as a temperature sensor.
VLSI SYSTEM DESIGN	Designing optimization of schematic after normal compile, power optimization and ultra-compile of 32-bit Arithmetic Logic Unit (ALU) with pipeline, a floorplanned, placed and routes stages using Astro GUI, to write a Verilog or system Verilog codes for the Arm microprocessor to test the design in Xilinx/Alterra simulation
MALAYSIA BOOK OF RECORD (2016)	Largest simulatenous participation by children in fire drill event.
MIKROTIK (2016)	Completed appropriate training and certifications requirement which issued by MTCNA.
VERILOG (2016)	Lead a team of two in designing a project 32-bit Single Cycle Arm Microprocessor using Verilog in Quartus Prime and ModelSim Software.
CAPSTONE PROJECT (2016)	Lead a team of four people in designing a project about Electrostove.This project is created to make the life of the user become easier and safer where we make use the sensors to turn on all the equipments in the kitchen and design a kitchen that can control the temperature of the kitchen.
EMBEDDED SYSTEM(2016)	Lead a team of three people to do a project regarding smart parking using Bluetooth and apps.
C++ PROGRAMMING	Creating unit converter in term of C++ programming.

ELECTRICAL ENGINEERING DESIGN,INNOVATION EXHIBITION and COMPETITION (EEDIEC 2014)

19th Place

A medicine timer for handicapped people. To make disable people easier to take the medicine where there is a timer that will notify the disable people when to take the medicine. When the timer is on,the medicine will be fed directly to the user.

COURSE TAKEN

- Data Structures
- Electric Circuit
- Linear System
- Digital System II
- Power Engineering
- Computer Programming
- Windows Programming
- Applied Electronic
- Signal and Systems
- Statistic for Science
- VLSI System Design
- Electrical Measurement
- Microprocessor System
- Electromagnetic Theory
- Semiconductor Devices
- Microwave Engineering
- IC Design And Fabrication
- Sensors And Transduscers
- Electronics System Design
- Applied Electronic Circuits
- PC Hardware And Software
- Photonic Devices and System
- Networking Routing Fundamental
- Special Topics in Microelectronics
- Introduction to numerical Analysis
- Multimedia Systems and Applications
- Embedded System Design and Interfacing
- Advanced Digital Design And Computer Architecture

OTHER COURSE TAKEN

- Industrial Topic
- English For Report Writing
- Technology Entreprenuership
- Engineers In Society

Official Transcript

UNIVERSITI TEKNOLOGI MARA
40450 SHAH ALAM, SELANGOR, MALAYSIA

NAME	: MOHAMAD FIRDAUS BIN ZULKIFLI
FACULTY	: FACULTY OF ELECTRICAL ENGINEERING
PROGRAMME	: DIPLOMA IN ELECTRICAL ENGINEERING (ELECTRONIC)
STUDENT NUMBER	: 2011419274
GENDER	: MALE
DATE OF BIRTH	: 24/11/1993
IC/PASSPORT NUMBER	: 931124065789
CITIZENSHIP	: MALAYSIAN

SESSION ADMITTED	: SEPTEMBER 2011
STATUS	: COMPLETED
GRADUATION	: NOVEMBER 2014

PAGE 1 OF 2

CODE	CREDIT	COURSE	GRADE
SEMESTER 1 2011/2012			
BEL120	3.00	CONSOLIDATING LANGUAGE SKILLS	C+
CTU101	2.00	FUNDAMENTALS OF ISLAM	B
EEE111	2.00	ELECTRO-TECHNOLOGY	B
HBU111	1.00	NATIONAL KESATRIA I	A
MAT133	3.00	PRE CALCULUS	A
PHY143	3.00	PHYSICS FOR ENGINEERING I	B+
PHY193	3.00	PHYSICS FOR ENGINEERING II	B
		GPA : 3.18 CGPA : 3.18	
		HOURS EARNED : 17.00 (17.00)	
SEMESTER 2 2011/2012			
BEL260	3.00	INTERMEDIATE ENGLISH	D+
CTU151	2.00	ISLAMIC THOUGHT AND CIVILIZATION	A-
ECE123	2.00	ELECTRICAL ENGINEERING COMPUTING	A
EEE121	3.00	ELECTRIC CIRCUIT I	C+
ESE122	3.00	ELECTRICAL MEASUREMENT	C+
HSK114	1.00	HAND BALL I	A+
MAT183	3.00	CALCULUS I	B-
		GPA : 2.95 CGPA : 3.07	
		HOURS EARNED : 14.00 (31.00)	
SEMESTER 1 2012/2013			
BEL260	3.00	INTERMEDIATE ENGLISH	B-
CTU211	3.00	SCIENCE AND TECHNOLOGY IN ISLAM	B+
EEE230	1.00	ELECTRICAL ENGINEERING LABORATORY 1	A
EEE231	3.00	ELECTRIC CIRCUIT II	C+
ELE232	3.00	ELECTRONICS 1	B-
HSK224	1.00	HAND BALL II	A+
MAT235	3.00	CALCULUS II FOR ENGINEERS	B+
		GPA : 2.96 CGPA : 3.04	
		HOURS EARNED : 16.00 (47.00)	
SEMESTER 2 2012/2013			
BEL311	3.00	ENGLISH FOR ACADEMIC PURPOSES	B-
ECE246	3.00	INTRODUCTION TO C PROGRAMMING	B
ECM241	3.00	BASIC COMMUNICATION ENGINEERING	B
EEE240	1.00	ELECTRICAL ENGINEERING LABORATORY 2	A-
ELE242	3.00	ELECTRONICS II	C
EPO243	3.00	ELECTRICAL MACHINES	B+
ESE242	3.00	LINEAR SYSTEMS I	A

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Official Transcript

UNIVERSITI TEKNOLOGI MARA
40450 SHAH ALAM, SELANGOR, MALAYSIA

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CODE	CREDIT	COURSE	GRADE
		GPA : 3.04 CGPA : 3.04	
		HOURS EARNED : 19.00 (66.00)	
SEMESTER 1 2013/2014			
ECE350	1.00	COMPUTER ENGINEERING LABORATORY 1	A-
ECE351	3.00	DIGITAL SYSTEMS I	A-
ECE352	3.00	INTRODUCTION TO NETWORKING	B+
ECE353	3.00	PC HARDWARE AND SOFTWARE	B+
EEE356	1.00	FINAL YEAR PROJECT I	PASS
ESE353	3.00	INTRODUCTION TO CONTROL SYSTEM	B-
ETR300	3.00	FUNDAMENTALS OF ENTREPRENEURSHIP	B
		GPA : 3.23 CGPA : 3.08	
		HOURS EARNED : 16.00 (82.00)	
SEMESTER 2 2013/2014			
ECE360	1.00	COMPUTER ENGINEERING LABORATORY II	A
ECE361	3.00	DIGITAL SYSTEM II	C+
ECE362	3.00	NETWORK ROUTING FUNDAMENTALS	A-
ECE364	3.00	WINDOWS PROGRAMMING	B+
ECE365	3.00	MICROPROCESSOR SYSTEMS	B
EEE366	3.00	FINAL YEAR PROJECT II	A
		GPA : 3.31 CGPA : 3.12	
		HOURS EARNED : 16.00 (98.00)	

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S TRANSCRIPT WAS ISSUED BY THE OFFICE OF REGISTRAR

FOR REGISTRAR
DATE : 23/10/2014

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TENAGA NASIONAL BERHAD
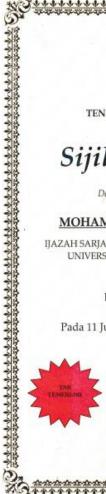(200866-V)

Sijil Penghargaan

Dengan Ini Adalah Disahkan Bahawa

MOHAMAD FIRDAUS BIN ZULKIFLI

IJAZAH SARJANA MUDA KEJURUTERAAN ELEKTRONIK
UNIVERSITI TEKNOLOGI MARA (SHAH ALAM)

Dengan Jayanya Telah Mengikuti

Latihan Praktikal/Industri
di TNB Temerloh
Pada 11 Julai 2016 hingga 11 September 2016

(Abdul Hadi bin Hamid)
Pengurus Kawasan (Temerloh)
Bahagian Pembahagian, TNB
Temerloh

TNB
TEMERLOH

ACADEMIC MINI TRANSCRIPT

NAME: MOHAMAD FIRDAUS BIN ZULKIFLI GENDER: MALE PROGRAM: EE241 - SARJANA MUDA KEJURUTERAAN
BIRTHDATE: 24/11/1993 NRIC/PASSPORT: 931124085709 FACULTY: FACULTY OF ELECTRICAL ENGINEERING
ADDRESS: NO PT-33 JALAN SANI YAAKOB BATU STUDENT ID: 2014282300 INTAKE SESSION: JUNE 2014
JALAN VARAN BIRTHPLACE: PAHANG LEVEL: BACHELOR DEGREE
28000 TEMERLOH PAHANG CITIZENSHIP: WARGANEGAR RESULTS: NOT COMPLETED
FINAL SESSION:
FINAL CGPA: 3.11

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
000 - CREDIT EXEMPTION	PART 0			
CTU551	ISLAM AND ASIAN	2.00		PC
ECE421	DIGITAL SYSTEM	3.00		PC
ECM412	COMMUNICATION	3.00		PC
EDE410	ELECTRICAL ENGINEERING	1.00		PC
EEE420	ELECTRICAL ENGINEERING	1.00		PC
ELC400	PREPARATORY COLLEGE	2.00		PC
ELE411	CIRCUIT ANALYSIS I	3.00		PC
ELE413	CIRCUIT ANALYSIS II	3.00		PC
ELE424	ANALOG ELECTRONICS I	3.00		PC
ELE426	ANALOG ELECTRONICS II	3.00		PC
ESE439	INSTRUMENTATION AND	3.00		PC
ESE491	SIGNALS AND SYSTEMS	3.00		PC
HBU111	NATIONAL KESATRIA I	1.00		PC
HBU131	NATIONAL KESATRIA I	1.00		PC
HBU131	NATIONAL KESATRIA II	1.00		PC
MAT435	CALCULUS FOR ENGINEERS	3.00		PC

GPA: CGPA:
UNITS OBTAINED: 0

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20144 - SESSION I 2014/2015	PART 3			
ECE441	COMPUTER PROGRAMMING	3.00	4	A	LU
EEE433	ELECTRICAL ENGINEERING	1.33	3.67	A-	LU
ELC500	ENGLISH FOR ACADEMIC	2.00	2	C	LU
EPO460	POWER ENGINEERING	3.00	2.67	B-	LU
MAT455	FURTHER CALCULUS FOR	3.00	2.33	C+	LU

GPA: 2.93 CGPA: 2.89
UNITS OBTAINED: 12.00 (12.00) LU

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20152 - SESSION 2 2014/2015	PART 4			
CTU555	MALAYSIAN HISTORY	2.00	3	B	LU
ECE521	MICROPROCESSOR SYSTEM	3.00	3	B	LU
ECM420	ELECTROMAGNETIC THEORY	3.00	3	B	LU
ELE541	SEMICONDUCTOR DEVICES	3.00	2.67	B-	LU
MAT576	INTRODUCTION TO	3.00	3	B	LU
TAC401	INTRODUCTORY ARABIC	2.00	3.33	B+	LU

GPA: 2.98 CGPA: 2.94
UNITS OBTAINED: 16.00 (28.00) LU

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20154 - SESSION 1 2015/2016	PART 5			
ECE552	DATA STRUCTURES AND	3.00	3.33	B+	LU
ELE526	APPLIED ELECTRONIC	3.00	3	B	LU
ELE554	IC DESIGN AND FABRICATION	3.00	3	B	LU
ESE562	SIGNALS AND SYSTEMS	3.00	2.33	C+	LU
STA456	STATISTICS FOR SCIENCE	3.00	3.33	B+	LU
TAC451	INTRODUCTORY ARABIC	2.00	3.33	B+	LU

GPA: 3.04 CGPA: 2.95
UNITS OBTAINED: 17.00 (45.00) LU

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20162 - SESSION 2 2015/2016	PART 6			
ECE561	MULTIMEDIA SYSTEMS AND	3.00	3.33	B+	LU
ELE551	EMBEDDED SYSTEM DESIGN	3.00	4	A	LU
ELE629	ANALOG INTEGRATED	3.00	3.67	A-	LU
ELE664	SENSORS AND TRANSDUCERS	3.00	2.33	C+	LU
ENT600	TECHNOLOGY	3.00	3	B	LU
TAC601	INTRODUCTORY ARABIC	2.00	3.33	B+	LU

GPA: 3.27 CGPA: 3.08
UNITS OBTAINED: 17.00 (62.00) LU

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20164 - SESSION 1 2016/2017	PART 7			
EEE610	ENGINEERS IN SOCIETY	3.00	4	A	LU
EEE620	INDUSTRIAL TRAINING	4.00	0	L	LU
ELE506	ELECTRONICS SYSTEM	3.00	3.67	A-	LU
ELE609	ELECTRONIC ENGINEERING	2.00	3.33	B+	LU
ELE649	PHOTONIC DEVICES AND	3.00	2	C	LU
ELE654	ADVANCED DIGITAL DESIGN	3.00	3.67	A-	LU

GPA: 3.33 CGPA: 3.11
UNITS OBTAINED: 14.00 (76.00) LU

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20172 - SESSION 2 2016/2017	PART 8			
ELE607	ELECTRONIC ENGINEERING	5.00	0	-	-
ELE653	VLSI SYSTEM DESIGN	3.00	0	-	-
ELE672	INDUSTRIAL TOPICS	2.00	0	-	-
ELE675	SPECIAL TOPIC IN	3.00	0	-	-
EWC661	ENGLISH FOR REPORT	2.00	0	-	-

GPA: 0 CGPA: 0
UNITS OBTAINED: 0

CODE	COURSE	CREDIT UNIT	GRADE POINT	GRADE/ STATUS
20174 - SESSION 1 2017/2018	PART 9			
		0.00		

GPA: CGPA:
UNITS OBTAINED: 0

| 20182 - SESSION 2 2017/2018 | PART 10 | | | |
| | | 0.00 | | |

GPA: CGPA:
UNITS OBTAINED: 0

| 99999 - COURSES ACCUMULATED | PART 99 | | | |
| ELE643 | SEMICONDUCTOR | 3.00 | 0 | | |

GPA: CGPA:
UNITS OBTAINED: 0

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DATE: 10/04/2017

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PRINTED BY: NASRI BIN TALIB

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UiTM, 40450 Shah Alam
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