UNIVERSITI SAINS ISLAM MALAYSIA
جَامِعَة العُلُوم الإِسْلَامِيَة المَالِيزِيَة
ISLAMIC SCIENCE UNIVERSITY OF MALAYSIA

CURRICULUM VITAE INDUSTRIAL TRAINING

PERSONAL PARTICULARS

Full Name	:	AMAR BIN LOKMAN
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Email	:	amarlokman111@yahoo.com
Date of Birth	:	16 April 1995
Sex	:	Male
Marital Status	:	Single
Current Address	:	NO 62C BATU 12, JALAN CHERAS 43000 KAJANG SELANGOR

AREA OF INTEREST

System Dynamic and Control

Telecommunications and Networking

Aircraft Control

Signal and Image processing

EDUCATIONAL BACKGROUND

2017	DEGREE (3RD YEAR) BACHELOR OF ENGINEERING WITH HONOR (ELECTRONIC ENGINEERING) USIM	3.29
2013	FOUNDATION FOUNDATION OF PHYSICAL SCIENCE UM	3.22
2012	SIJIL PELAJARAN MALAYSIA (SPM) PURE SCIENCE SMK SAUJANA IMPIAN	5A 5B 1C

2010	PENILAIAN MENENGAH RENDAH (PMR)	8A 1B
	SMK SAUJANA IMPIAN	

SPECIAL SKILLS

Language Proficiency

Malay Language	Advanced
English (Speaking and Writing)	Intermediate
Arabic	Intermediate

Computer Literacy

Microsoft Office (Word, Excel, Power Point)	Advanced
MatLAB	Intermediate
Adobe CS3 (Photoshop, Illustrator)	Intermediate
AutoCad	Beginner
Pspice	Intermediate

Others Skill

Schedule management	Advanced
Strong Work Ethic	Advanced
Leadership and handling pressure	Advanced
Collaboration with good problem solving	Advanced
Self confidence	Advanced

EXTRA-CURRICULAR ACTIVITIES

2016	I-Reka Competition	competition is about to invent some product or application which is to make a better life in future. I did the project which is related to the water sensor for ablutions.
2016	Persatuan Mahasiswa Fakulti Kejuruteraan dan Alam Bina	Exco Akademik 2016/2017
2016	Majlis Perwakilan Pelajar USIM	Crew Exco Kesukarelawan dan Kemanusiaan 2016/2017
2016	Solar Decathlon Middle East at Dubai 2018	As a Decathlete for the competition which is to design and build smart solar home

2015	Electronic Engineering Student Council (ELESCO)	President 2015/2016
2015	SEMINAR KEBANGSAAN KEJURUTERAAN ELEKTRONIK	urusetia program
2015	PERTANDINGAN DEBAT BAHASA ARAB INSTITUSI PENGAJIAN TINGGI PERINGKAT ASEAN	Urusetia program
2015	TALK OF IEM : SESI CERAMAH PENGENALAN KEJURUTERAAN	urusetia
2016	Malam Apresiasi 2016	Pengarah program

AWARDS

2015	DEAN AWARD SEMESTER 2	PNGS > 3.60
2016	BEST TOP 3 STUDENT OF ELECTRONIC ENGINEERING YEAR 3	Award is given according to the top 3 CGPA between the students

RELEVANT COURSEWORK

SIGNAL AND CIRCUIT THEORY
This course deals with signals, systems, and transforms, from their theoretical mathematical foundations to practical implementation in circuits and computer algorithms. Understanding of the mathematics and practical issues of signals in continuous and discrete time, linear time-invariant systems, convolution, and Fourier transforms.

CONTROL THEORY
Introductory course in control theory: system modeling, simulation, analysis and controller design. Description of linear, time-invariant, continuous time systems, differential equations, transfer function representation, block diagrams and signal flows. System dynamic properties in time and frequency domains, performance specifications. Basic properties of feedback.

C PROGRAMMING FOR ENGINEERING
C has been used successfully for every type of programming problem imaginable from operating systems to spreadsheets to expert systems - and efficient compilers are available for machines ranging in power from the Apple Macintosh to the Cray supercomputers.

MICROPROCESSOR AND EMBEDDED CONTROL
This course deals with AVR microprocessor to programming the board for sensor and other project.

SENSORS AND INSTRUMENTATION
Sensors and instrumentation provides a basis by which they may be used in practice. It learns the fundamentals of modelling, selecting, and using various sensors and measurement systems. Practical matters such as filtering, calibration, error reduction, and hardware limitations will be addressed. In addition, hands-on experience will be gained through individual student projects.

DIGITAL SIGNAL PROCESSING
This course study about discrete time signals, special sequences, shift invariance, stability and causality, impulse response, difference equations, Discrete-Time Fourier Transform and Linear Time Invariant Systems, transform definitions, frequency response of linear time invariant systems, phase and group delays, matlab computations.

INTEGRATED CIRCUIT DESIGN
To expose with the technology and issues in integrated circuit design and manufacturing processes.

REFERENCES

Dr Mus'ab Bin Sahrim

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71800 Nilai Negeri Sembilan

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