



AFIQ IKHWAN BIN ABDULLAH
BACHELOR OF MECHATRONIC ENGINEERING

PT 3906 Batu 15 ½ Kampung Paku Kelemak 78000 Alor Gajah Melaka

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OBJECTIVE

To secure a cooperative education in mechatronics engineering skills that will challenge and strengthen my education and professional skills.

EDUCATION

2012 – 2016: Bachelor of Mechatronics Engineering, International Islamic University Malaysia (IIUM),
CGPA: 3.283

Final Year Project, Development of an ankle continuous passive motion (CPM) machine

The main objective is to implement PID controller in controlling the joints movement and speed. The sub objectives are evaluating the proposed system by simulating and suitable hardware and assign the suitable exercise based on patients' condition.

Integrated Design Project , Development of icing printing end effector and integration of external interfaces for the EPSON SCARA Robot

The objectives are to control the command of SCARA robot with SPEL+ programming by simulating the printing at desired time cycle, integrate external hardware with SCARA robot to interact with the environment, and used Programming Logic Controller (PLC) to integrate EPSON SCARA robot with external interfaces.

2010 – 2012: Foundation in Engineering and Computer Science, Centre for Foundation Studies of International Islamic University Malaysia (CFS IIUM), **CGPA: 3.471**

2005 – 2009: Sekolah Menengah Kebangsaan Dato Dol Said (SMKDDS), **SPM: 6A**

WORKING EXPERIENCE

2016 – Present: Universal Cellular Engineering (UCE) Services Sdn. Bhd.

Drive Test Engineer- Measuring and assessing the coverage, capacity and Quality of Service (QoS) of a mobile radio network.

Mei – Sept, 2015: Universal Cellular Engineering (UCE) Services Sdn Bhd

Internship student (Documentation team) -manage to do the AutoCAD drawing and technical report documentation.

EXTRACURRICULAR ACTIVITIES

IIUM: Committee of education trip to NAGOYA JAPAN program, Committee of External Affair (EXFAIR) of ENGINEIUS, Block Representative Committee (BRC) of Mahallah Zubair Al-Awwam, Committee of PEMBINA, Committee of cycling club IIUM, and Member of GENERIC ENGITEK'15.

CFS IIUM: Vice secretary of Block Representative Committee (BRC) of Mahallah Fatimah Al-Zahrah.

SKILLS

Computer Skills

Competency in simulation and digital and analog circuit software e.g. AutoCAD, Solidwork, Matlab, Pspice, Adobe Photoshop, and Circuit Marker.

Advanced skills in Microsoft Office.

Have basic skills in C, C++, Java and Visual Basic Programming Languages, NEMO, GENEX probe, PLC.

Language Skills

Good in written and spoken English and Malay

Personal Characteristics

An enthusiastic self-starter with strong leadership and communication skills. Highly motivated, pleasant personality, cheerful and hardworking.

References

Dr Siti Fauziah Toha @ Tohara, 03-61964584 or tsfauziah@iium.edu.my, EIT Programme Coordinator for Mechatronic Engineering.

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