



**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

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

#### EDUCATION

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**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.

**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

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

Drive Test Engineer- Measuring and assessing the coverage, capacity and Quality of Service of a mobile radio network for 2G, 3G, LTE maxis project, 2G, 3G, LTE Celcom

project and UMOBILE northern project. Conducted in Full Single Site Verification (SSV), verification site (VDT), and costumer complaint (CC).

Analyzing data- Using GENEX PROBE/ASSISTANT and NEMO OUTDOOR software

**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

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**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 ENGITEX'15.

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

## SKILLS

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### 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 and windows & software installation.

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

### Language Skills

Good in written and spoken English and Malay

### Personal Characteristics

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

## References

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

**Dr Irfan Hilmy**, 03-61965729 or ihilmy@iium.edu.my, Kuliyah Coordinator of EIT Programme.