HOW TUNG JIAN

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SUMMARY

Experienced organizing committee for MESCORP *Internet of Things* Conference and Exhibition in MULTIMEDIA UNIVERSITY, CYBERJAYA with strengths in skilled communicator intercourse with externals and promotion of events. Motivated self-starter; able to spark interest and take initiative. A flexible professional who enjoys learning new skills and quickly adapts to changes. High-energy, confident professional with an infectious enthusiasm for technology.

EDUCATION

SIJIL PELAJARAN MALAYSIA (SPM), 2011
SMK KING EDWARD VII, TAIPING

FOUNDATION IN ENGINEERING, 2012-2013
MULTIMEDIA UNIVERSITY, CYBERJAYA

BACHELOR OF ENGINEERING (HONS.) ELECTRONICS, 2013-2017
MULTIMEDIA UNIVERSITY, CYBERJAYA

CAREER OBJECTIVES

- Looking for an Engineering internship position that would allow me to apply and develop skills learnt in my degree course which is *BACHELOR OF ENGINEERING (HONS.) ELECTRONICS* and fulfil requirements for my degree's Industrial Training Program.
- To take on tasks related to classroom knowledge and to put theoretical concepts into practice.
- To be exposed to the real working environment and work situations in Electronic and Electrical field.
- To gain practical exposure and hands-on experience in those related fields.

INDUSTRIAL TRAINING DURATION

28th March 2016 until 19th June 2016 (12 weeks)

PAST EXPERIENCES

Participated in Multimedia University Engineering Society Overseas Research Program 2015 (undergraduate-based research) - *Internet Of Things: Implementation of IoT for Smart and Sustainable Cities in Malaysia*

➢ Experienced IoE solutions from Cisco Global Center of Excellence, Incheon, South Korea and share the same goal of bringing innovative ideas to life and jointly accelerating development of IoE solutions.
➢ Educational visit (Research) to Intel, Penang and experienced the Intel IoT platform and technologies for IoT applications and services.
➢ Visited Big Data IoT Technology Accelerator (BITX) Lab from MIMOS, Malaysia and experienced the solutions from MIMOS to enhance the productivity of new knowledge-based growth areas, namely; agriculture and healthcare.

SKILLS

- Operating system trained in Microsoft Windows and Linux
- Trained in Microsoft Office Productivity Tools
- Experienced Programming languages in C,C#, C++ and Python
- Experienced electronic design automation, namely: ORCAD PSPICE, CADSOFT EAGLE
- Experienced in Very large scale integration and designed a 4-bit ripple carry adder
- Experienced in programmable logic device software (Altera Quartus II) to compile designs, perform timing analysis, examine RTL diagrams, simulated a design's reaction to different stimuli and designed an 8-bit Arithmetic Logic Unit (ALU) using VHDL.

PAST PROJECTS

Weather Station using Windows 10 IoT and Raspberry Pi
- Experienced in aggregating collected data in cloud using the Azure Event Hub, via the easy-to-use ConnectTheDots API.

Programmable digital alarm clock with temperature sensing
- Design and construct a prototype of a programmable digital alarm clock with Atmel AT89 series which is an Intel 8051-compatible family of 8 bit microcontrollers.
- Experience of assembly language programming and hardware construction.

Outdoor mobile robot assistant
- Featured with partially autonomous, controllable from a remote computer via Bluetooth module.
- Able to integrate sensors and actuators and microcontroller (Arduino).
- Experienced in PCB Designs
- Exposed industrial or societal related engineering system development process.

WORK EXPERIENCE

Customer Service Representative and Sales Representative
CYNTRIX TECHNOLOGIES SDN. BHD 0142594-A
October, 2014 to February, 2015
- Experienced in installing computer hardware and software.
- Experienced in diagnosing and troubleshooting computer issues.
- Acquired skills and knowledge to consult customer for relevant requirements in building computer for individual and solutions for workplace.
- Experienced in fixing mechanical keyboard by soldering switches.