



POSITION APPLIED
Engineer

MUHAMMAD FARUQI BIN MOHANI

BACHELOR IN ELECTRONIC ENGINEERING



Date of Availability
Immediately



Date of Birth
21.07.1990



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Driving Licence
B2 & D



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Lot 6598, Jalan Seri Jaya,
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OBJECTIVE

To gain employment with a company with my experience and knowledge, especially in the area of telecommunication, electronics, electrical, network, mechanical and mechatronic, can be used effectively.



EDUCATION BACKGROUND

- June 2016** - Universiti Tun Hussein Onn Malaysia in Degree Electronic Engineering with Honours
- June 2011** - Politeknik Sultan Mizan Zainal Abidin in Diploma Mechatronic Engineering
- Dec 2007** - Sekolah Agama Menengah Hisamuddin Sungai Bertih, Klang



ARCHIEVEMENT

- 8 June 2015** Climbing Robot Awards Autonomous Climbing Robot Competition *Runner-up*
- 2 Dec 2015** Sumo Robot Awards Autonomous Sumo Robot Competition *Qualified in Semi-final*
- 26 June 2016** Final Year Project Wireless Charger of Mobile Phone *Qualified in Exhibition Project*



PERSONAL SKILLS

Leadership ● ● ● ● ●
Organization ● ● ● ● ●
Creativity ● ● ● ● ○
Communication ● ● ● ● ○
Team Player ● ● ● ● ●



TECHNICAL SKILLS

PCB Design ● ● ● ● ●
Electronic Simulation ● ● ● ● ●
C++ Programming ● ● ● ● ○
Lan Network ● ● ● ● ○
Solidworks Design ● ● ● ● ○
Sketchup Design ● ● ● ● ○
Nemo Outdoor ● ● ● ● ○



LANGUAGE

B. Malaysia ● ● ● ● ●
English ● ● ● ● ○



OTHER INFORMATION

- ✓ Documents Preparation (Minute of meeting, memo and etc).
- ✓ Proficient in Microsoft Word, PowerPoint and Excel.
- ✓ Reading electronic, electric and queue management systems schematic.
- ✓ Member of IEM (Institute of Engineering Malaysia).



WORK EXPERIENCE

Nov 16 – Present Project Engineer



Degree
Qualification

Huawei Technologies (M) Sdn Bhd

Job Scope :

- Maintenance the customer relationship to develop the project implementation like site installation, commission, integration and ATP.
- Site access management. Investigation and diagnosis through specific means. Able to manage azimuth problem, clear punch list and do ATP.
- To manage project time, scope, risk and implementation supporting project manager. Plan and control the project within the timeline and budget. Coordinating contractors to work according to plan, teams status or other issues that may affect the rollout.
- Attend internal and external meetings with various levels and layers to update progress. Ensure good project performance for customer and achieve acceptance KPI, monitor and expedite for acceptance progress.
- Maintains safe and clean working environment by enforcing procedures, rules and regulations. Update project tracker on any rollout issue daily, weekly and monthly basis.
- Manage and monitor HQ System project monitoring such as: CES (Component of Executive System) – Equipment Logistic system; delivery, return and stock in hand), SCM (System Customer Management) – part replacement request, ISDP, SIMS and H-portal.
- Project involve: Celcom Hammer Project 2016 Southern.

Dec 11 – Jun 12
7 Months



Diploma
Qualification

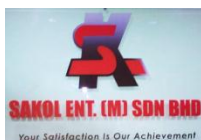
Technician

Berkat Optima Sdn Bhd

Job Scope :

- Understanding of technology application when providing telecommunication systems.
- Plans network installations by studying customer orders, plans, manuals and technical specifications; ordering and gathering equipment, supplies, materials and tools, assessing installation site; preparing an installation diagram.
- Installing of telecommunication internet under (TIME dotCom).
- Organizing and check material sufficient for the whole month plan for parts services.
- Establishes service by studying system requirements; ordering and gathering components and parts; completing installation; performing acceptance tests.
- Configure and install network devices/router/modem and services.
- Installing the fiber at underground and interface network.

Jun 11 – Nov 11
6 Months



Diploma
Qualification

Technician

Sakol Enterprises (M) Sdn Bhd

Job Scope:

- Installing of UNIFI telecommunication internet under Telekom Malaysia.
- Repairing and trouble-shooting of internet server down (UNIFI).
- Communicate with customers for repairing internet fiber and diagnosing errors or technical problems and determining proper solutions
- Updated data report daily, weekly and monthly basis.
- Keeps personal equipment operating by following the operating instructions and troubleshooting breakdowns, maintaining supplies, performing preventive maintenance and calling for repairs.
- Providing maintenance and services for underground and interface.
- Maintains customer confidence by keeping service information confidential.



INTERNSHIP EXPERIENCE



Jun 15 – Sep 15
4 Months



Internship in
Degree level

Assistant Engineer

Propel Network Sdn Bhd

Job Scope:

- Used extensively on many of the networks, the Nemo, XCAL/XCAP series of drive test and post-processing tools is designed to troubleshoot, monitor, maintain and optimise wireless voice and data network performance.
- Monitoring of 3G network performance by carrying out the drive test and analysis of drive test log by test performed in cellular networks regardless of technology which collecting data on vehicle movement.
- XCAL and Nemo assesses QoS/QoE and ensures seamless service integration with existing GSM, WCDMA, HSPA, EVDO, WiMAX and LTE systems.
- Mobility test which is moving at road by setup the scanner, HSDPA, HSUPA, voice long call, idle mode and Static test to the site base station (BTS) by setup HSDPA, HSUPA, R99 DL and R99 UL.



Jan 10 – Jun 10
6 Months



Internship in
Diploma level

Assistant Technician

Teknion Furniture Systems (M) Sdn Bhd

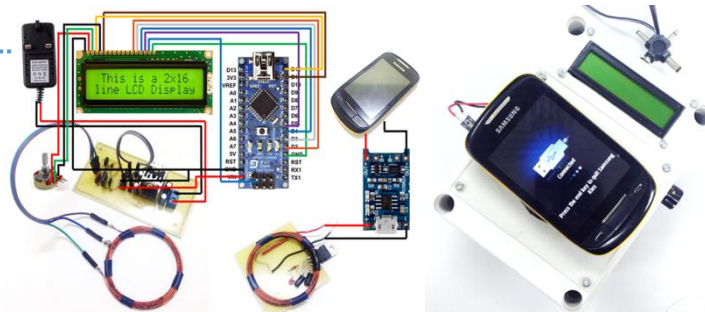
Job Scope:

- Assisted technician in installing and assembling the equipment parts.
- Updated data report daily, weekly and monthly.
- Trouble-shooting and repairing fixture/tooling major down.
- Providing maintenance and repairing services for fixtures and tooling used.
- Carry out time studying about plan of cnc movement by pneumatic.
- Performing maintenance of electrical systems (replace light bulbs and sockets, clean and repair circuit breaker panels).
- Carry out time studying for machine (movement of cnc).



FINAL YEAR PROJECT

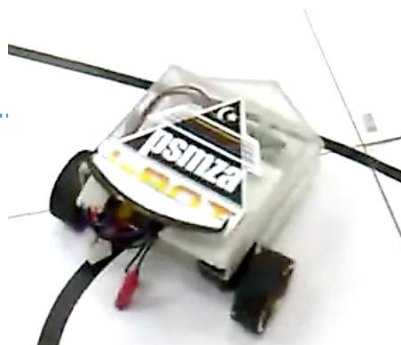
Degree Level



Wireless Charger of Mobile Phone

The wireless charger works mainly on the principle of inductive coupling. With this inductive coupling idea, it is trying to transfer power wirelessly to charge low power devices.

Diploma Level

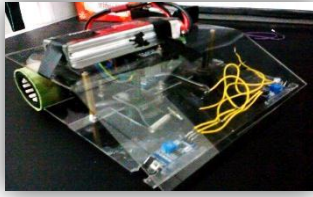


Line Follower Robot

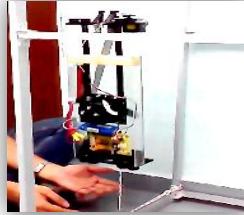
Used of PIC16F84A microprocessor equipped with 4 IR sensors. This robot can run on the black and white lines and providing the security system.



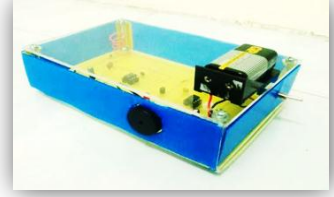
OTHER PROJECT



Autonomous Sumo Robot
Participant in Autonomous
Sumo Robot Competition UTHM



Autonomous Climbing Robot
Participant in Autonomous
Climbing Robot Competition UTHM



Mobile Phone Detector
Electronic Analogue
Project



REFERENCE

The following people have agreed to provide any additional information regarding my qualifications and character:



Dr. Tee Kian Sek

Academic Advisor

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Ms. Rafidah Binti Ngadengon @ Ngadungon

Final Year Project Supervisor

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Edric William Chong

Project Manager Southern Regional

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