



## **AMIRUL ASYRAF BIN RASHDI**

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51100 KUALA LUMPUR.

### **CAREER OBJECTIVE**

To gain additional knowledge and experience to further improve myself in order to achieve and exceed company and personal goals towards for a better career future.

### **PERSONAL PARTICULARS**

<b><i>Date of Birth</i></b>	: 29 November 1992	<b><i>Place of Birth:</i></b>	Dungun, Terengganu
<b><i>Marital Status</i></b>	: Single	<b><i>Nationality</i></b>	: Malaysian
<b><i>Gender</i></b>	: Male	<b><i>Race</i></b>	: Malay
<b><i>Religion</i></b>	: Islam	<b><i>License</i></b>	: B2, D

### **EDUCATION BACKGROUND**

Sept 2011- June 2015 : Universiti Teknikal Malaysia Melaka (UTeM)  
-Bachelor of Electrical Engineering  
(Control,Instrumentation & Automation)

May 2010-April 2011 : Kolej Mara Kulim, Kedah  
-Physical Science Study

Jan 2005-Dic 2009 : Sekolah Sains Sultan Mahmud, Kuala Terengganu  
Sijil Pelajaran Malaysia

## **CO-CURRICULUM ACTIVITIES**

- |           |  |
|-----------|--|
| 2010      | - President of Kelab Pencinta Orkid  |
| 2009      | - President of Bahasa Melayu Society                                       |
| 2009      | - Vice President of Kelab Olahraga   |
| 2007-2009 | - Represent Terengganu in MSSM tournament for rugby                        |
| 2015      | - Participating Two-Day Course on Grid-Connected Solar Photovoltaic System |

## **PROJECTS**

Name : Optimization PID Controller for Cruise Control System using Bat Algorithm  
Duration : 9 Months  
Team Size : Individual  
Description : Optimizing conventional PID Controller for Cruise Control System using optimization algorithm in order to meet the requirement needed for the system.

Name : Rempeyek Machine using Programmable Logic Circuit (PLC)  
Duration : 3 Months  
Team Size : 5  
Description : Making rempeyek machine using PLC to improve output efficiency of rempeyek compare to traditional method.

Name : Water Valve Control Unit  
Duration : 3 Months  
Team Size : 6  
Description : Improving fire hydrant in residential area by using the water valve control system along with sensor application in order to ensure the fire tank is not empty when it is needed.

Name : Making Carom Men using Microcontroller Arduino and Pneumatic  
Duration : 3 Months  
Team Size : 5  
Description : By using some actuator, the project manage to create a sample of Carom Men.

## **WORKING EXPERIENCE**

Sept 2015 - Present

Company : Teras Teknologi Sdn. Bhd  
Position : Skim Latihan 1 Malaysia (SL1M) Trainee

1. Involving in Forth Lane Widening project in PLUS Highway and New Klang Valley Expressway (NKVE) from Shah Alam Interchange to Rawang/Jalan Duta Toll Plaza and Nilai to Seremban.
2. Interpret client's requirements
3. Evaluate, organize and priorities workload within a schedule
4. Troubleshooting Variable Message Sign (VMS).
5. Dealing with client, consultant, master contractor, main work contractor and sub-contractor.
6. Involving on Defect Liability Period include with closing defect list and remaining works on Intelligent Transportation System (ITS) Equipment like Emergency Telephone, Traffic Control and Surveillance System (TCSS) Cabinet, CCTV, VMS, and Automatic Vehicle Detection System (AVDS).
7. Provide weekly site status report.
8. Ensure all the work meets its deadline at each stage.
9. Liaise with contractors to ensure all equipment is fit for purpose
10. Prepare, schedule, coordinate and monitor the assigned engineering projects.
11. Cooperate and communicate effectively with project manager and other project participants to provide assistance and technical support.
12. Preparing Variance Order (VO) for the works that is not include in contract for clients.
13. Preparing quotation based on agreed rate
14. Involving negotiations between contractor and consultant.
15. Involving in Close-circuit television (CCTV) project.
16. Supervise a team of installation sub-contractor in carrying out cable routing, equipment installation & termination, progress report and update as-built drawing.
17. Ensure installation work meets the quality standard complete within schedule and comply with Safety Requirement
18. Attending soft skill training including 5 module that is important in working environment.
19. Build self-confident

June 2014 – August 2014

Company : MECIP GLOBAL ENGINEERS  
Position : Internship Program/ Industrial Training

1. Preparing datasheet for instrument used for clients.
2. Preparing report for project.
3. Analyzing equipment used in every project.
4. Undergo site visits.

5. Filing the documents for project to be done.
6. Make call to clients regarding project obtained.
7. Assist team in completing task.
8. Present the given task to the team every weeks.

### **SKILLS / STRENGTH**

- ❑ Good in both written and spoken in English and Malay
- ❑ Good in Microsoft Word, Excel, Visio and PowerPoint
- ❑ Good in Programmable Logic Controller (PLC) & MATLAB
- ❑ Able to work under pressure and meet tight deadlines
- ❑ Possess a good presentation skills
- ❑ Initiative, responsible, team player and inquisitive
- ❑ Active in Sport etc.; Rugby & Futsal.

### **PARTICULARS**

- Availability : 1 week Notice
- Preferred work location : Terengganu, Kuala Lumpur & Selangor
- Preferred work type : Permanent
- CIDB : Yes
- BEM : In progress

### **REFERENCES**

1. Wan Munaifah Binti Wan Hussein  
Manager  
Operation Department,  
Teras Teknologi Sdn. Bhd.  
Annex 3, Persada PLUS,  
Persimpangan Bertingkat Subang,  
KM 15 Lebuhraya Baru Lembah Klang,  
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