

CURRICULUM VITAE



SHARAFUDDIN AFIQ BIN SELAMAT

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Age : 25 years old

ACADEMIC QUALIFICATION

- Sep 2012 -May 2016 **Universiti Malaysia Pahang (UMP)**
Bachelor (Hons) Electrical Engineering (Electronics)
CPA 2.93
- Jul 2009 -May 2012 **Politeknik Premier Sultan Salahuddin Abdul Aziz Shah (PSA)**
Diploma in Electronic (Control)
CPA 3.53
- Jan 2007 -Nov 2008 **Sekolah Menengah Teknik Kuala Selangor (SMTKS)**
Malaysian Certificate of Education
Electrical and Electronic

EMPLOYMENT EXPERIENCE

- Oct 2016-Present **Assistant Engineer at JVCKENWOOD MALAYSIA SDN BHD**
- Responsible for transfer and implementation of new product into mass production within a planned time frame and do coordination job with other department including product designer from Japan.
 - Prepare and maintain all engineering documents (manual, modification, work instruction, etc) relating to the manufacturing of a product and ensuring that change notices are raised and approve accordingly.
 - Conduct testing of new firmware and software updates for the telecommunication device.
 - Repair and the product and study the components/part defect when required.
 - Troubleshoot problems at production lines within specific time avoid line delay.

- Jun 2015-Sep 2015 **Internship at Tenaga Nasional Berhad (TNB), Bagan Serai Perak**
- Assigned with TNB technical team that involved with the work of TNB division plans in constructs, operates, performs repairs, maintenance and manages the TNB assets of the 33kV, 22kV, 11kV and 415/240 volt.
 - Exposed to various equipment and machine used for electrical power distribution network include high voltage distribution transformer, circuit breaker and others.
 - Joined technical team from every department involving different scope of work and responsibilities. Provided details understanding on the workflow and the process of a job that being done.
- Jan 2013-Jul 2014 **Administrative Executive (3P) Prestariang System SDN BHD**
- Session : Jan-Mar 2013 at UteM campus site.
 : Jan-Feb 2014 at UteM campus site.
 : Jun-Jul 2014 at USM campus site.
- Maintain and assist the project executive (PE) on the administration work on site.
 - Monitor each of the participant and trainer performance along the 3P training session.
 - Manage class facilities and ensure the classes are running smoothly from beginning until the end of 3P training program.
- Nov 2010-Apr 2011 **Internship at Telekom Malaysia Berhad (TM), Bukit Raja Klang**
- Assigned to TM Technical Team handle technical and troubleshoot problem regarding to the customer internet services provided by TM.
 - Exposed to fiber optic technology for fast internet transmission.
 - Handle various equipment used in the working environment including Splicing Machine for reconnect the broken optical fiber cable.

ENGINEERING PROJECT

1) **RFID Based Attendance Management System (Final year project)**

- Utilize Radio Frequency Identification (RFID) based technology for automatic student attendance system capture.
- Develop graphical user interface application using the Visual Studio software.
- Create database system using a MySQL database purposely for data management and storage.
- Interface Arduino microcontroller with GUI for attendance system.

2) Autonomous Heavy Load Vehicle (Capstone project)

- Cooperate with Vacuumsmelze (M) Sdn Bhd to build remotely heavy load vehicle to handle heavy copper spool in Vacuumsmelze (M) warehouse.
- Design the robot vehicle using Solidworks 3D design software.
- Liaised with Vacuumsmelze (M) technical person in-charge for technical specification.

3) Automatic Car cooler (Microcontroller course mini project)

- Design and simulate product using the Proteus 7 software.

4) Website development using Joomla (Multimedia course mini project).

- Developed website for online business using the Joomla CMS software.

HONOURS AND AWARDS

- Dean's List Award of Electrical Engineering Department (2009-2010) of Politeknik Sultan Salahuddin Abdul Aziz Shah.
- Excellent Award in Industrial Training at Telekom Malaysia Berhad (Nov 2010-Apr 2011).

ACTIVITIES & INVOLVEMENT

11 May 2016	Exhibition of Senior Projects on Electrical & Electronic Engineering (EXSELEN) 2016 at Universiti Malaysia Pahang.
1 Dec 2015	Short course on Hazard Identification, Risk Assessment, Risk Control (HIRARC) by National Institute of Occupational Safety and Health.
6 Jun 2015	<i>Ujian Sijil Rendah (USR) Persatuan Seni Silat Cekak Malaysia (PSSCM) at Universiti Malaysia Terengganu.</i>
18 Sep 2015	<i>Himpunan Silat Pesaka Merdeka, Dataran Merdeka Kuala Lumpur.</i>
1 Jun 2014	Treasurer for Dinner <i>Persatuan Seni Silat Cekak Malaysia PSSCM</i> of University Malaysia Pahang.
27 Apr 2014	PSSCM Interaction Day, Pekan & Gambang Campus UMP.
21 Aug 2012	Participation in National Invention, Innovation and Design (INDES) at Universiti Institiut Teknologi Mara Seri Iskandar (UiTM), Perak.
15 Apr 2012	Contestants in Student Final Year Project at Politeknik Premier Sultan Salahuddin Abdul Aziz Shah.

SKILLS SET

Communication skills:

- Speaking Proficiency : Malay Language (Excellent), English Language (Intermediate)
- Writing Proficiency : Malay Language (Excellent), English Language (Intermediate)

Technical Skills

- Complete soldering training and test at JVCKENWOOD MALAYSIA SDN BHD

Computing skills:

- Microsoft Office (Word, PowerPoint, Excel and Publisher)
- AutoCAD
- Microsoft Visual Studio
- PLC (Omron)

Others:

- Full clean driving license (B2 and D)

REFERENCES**Reference 1**

Ahmad Efendi

Senior Engineer

JVCKENWOOD TECHNOLOGY SDN BHD

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017-7185650

Reference 1 (Academic Advisor)

Dr. Nor Rul Hasma Binti Abdullah

Senior Lecturer of Universiti Malaysia Pahang

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