

MOHD SHAHRUDDIN BIN MD SAID
BACHELOR (HONS) OF ELECTRICAL AND ELECTRONICS ENGINEERING



PERSONAL DETAILS

GENDER : MALE
NATIONALITY : MALAYSIAN
WILLING TO TRAVEL : YES

CONTACT INFO

MOBILE : 019-7959725

EMAIL:
shahrudin25@yahoo.com

PERMANENT ADDRESS

TL PZ28 KG PARIT ZING, SEROM, 84800
TANGKAK, JOHOR.

EDUCATIONAL BACKGROUND

**UNIVERSITI TEKNOLOGI PETRONAS
ENGINEERING FOUNDATION**
CGPA : 3.63

**BACHELOR (HONS) OF ELECTRICAL AND ELECTRONIC
ENGINEERING**

- **MAJOR IN INSTRUMENTATION AND CONTROL**
CGPA : 3.06

MAKTAB RENDAH SAINS MARA MERSING
SPM : 9A's 1B

SEKOLAH MENENGAH KEBANGSAAN AGAMA PAHANG
PMR : 8A's 1B

SEKOLAH KEBANGSAAN CHINI 2
UPSR : 4A's 1B

AWARD AND ACHIEVEMENT

- Awarded with **Runner-Up ISDP 2 SERA 5.0 Robot Competition** (2016)
- Qualify for Science and Engineering Design Exhibition (**SEDEX**) in Engineering Team Project (ETP) (2015)
- **Coach** at Persatuan Seni Silat Cekak Malaysia Universiti Teknologi PETRONAS (**PSSCM UTP**) (2015 – present)
- **Exco Demonstration** of Persatuan Seni Silat Cekak Malaysia Universiti Teknologi PETRONAS (**PSSCM UTP**) (2014 – 2015)
- Awarded with **Sijil Rendah Persatuan Seni Silat Cekak Malaysia** (2013)

INTERNSHIP EXPERIENCE

- **Trainee** at **PETRONAS Refinery and Petrochemical Corporation (PRPC)** from **21 September 2015** to **15 April 2016 (7 months)** in **EPCC Package 4 for PETRONAS RAPID project** in Pengerang, Johor.
- Participate in HAZOP, IPF and 3D model Review Meeting.
- **Participate in 2nd CCPS Global Summit on Process Safety** on **3-5 November 2015** at Istana Hotel, Kuala Lumpur.

COMPUTER SKILLS



SKILLS

LANGUAGE PROFICIENCY

- Malay (native language)
- English - fluent (speaking, reading, writing)
- Basic Mandarin - intermediate (speaking, reading); basic (writing)
- Basic Arabic - intermediate (speaking, reading); basic (writing)

OTHERS

- Leadership
- Time management

PROJECT EXPERIENCES

| TOPIC | DESCRIPTION |
|---|---|
| Light Sequence And Buzzer Pattern | Program interfacing board using C software |
| Traffic Light | Design and build traffic light using J-K Flip Flop |
| Mobile Phone Charger | Design and build charger circuit with voltage cutoff |
| Oscillator | Design and build Wein Bridge oscillator |
| Signal To Noise Measurement | Program DSK kit/board using MATLAB and DSK software |
| Airplane Launcher Robot | Design and build using NXT Lego Mindstorm ; pick up robot |
| Electrical Power Load | Program electrical power load prediction using MATLAB |
| Integrated System Design Project | Design and build Rescue Robot using Arduino |
| FYP : Dynamic Stability Of Aerostat-Drone | Analyse the effect of Aerostat on the drone |

EXTRA CURRICULAR ACTIVITIES

Universiti Teknologi PETRONAS (2012 – 2016)

- **Participate** in KEJOHANAN WAJADIRI IPT PSSCM DAN JEMPUTAN KALI KE-7 at Universiti Teknologi MARA (UiTM) - Jengka (2016)
- **Participate in** KEJOHANAN WAJADIRI IPT PSSCM DAN JEMPUTAN KALI KE-6 at Universiti Tun Hussein Onn Malaysia (UTHM) (2015)
- **Engage in Programme** of PSSCM IPT Tourism Perak Treasure Hunt 2015 (2015)
- **Engage in CSR Programme** in 'Program Titipan Kasih Harian Metro collaboration with Persatuan Seni Silat Cekak Malaysia' (PSSCM) in helping flood victim at Bota, Perak. (2015)
- **Engage in Programme** of Educational Field Trip to Bersia Power Plant(2015)
- **High Committee (Exco of Demonstration)** of PSSCM UTP(2014-2015)
- **Engage in CSR Programme** in Down to Earth Project (2012)



Active in event of PSSCM



Helping flood victim at Bota



Manage all demonstration of PSSCM UTP

REFEREES

ACADEMIC REFEREE

Assoc. Prof. Ir. Dr. Zuhairi Bin Haji Baharudin
Associate Professor,
Universiti Teknologi PETRONAS
32610 Bandar Seri Iskandar,
Perak.
Contact: +605-3687810
Email: zuhairb@utp.edu.my

PERSONAL REFEREE

Dr. Mohd Azuwan Bin Moinser
Lecturer,
Universiti Teknologi PETRONAS
32610 Bandar Seri Iskandar,
Perak.
Contact: +6019-5785275
Email: mazuwan.moinser@utp.edu.my



UNIVERSITI
TEKNOLOGI
PETRONAS

REGISTRAR'S OFFICE
TRANSCRIPT PARTIAL
ACADEMIC TRANSCRIPT

NAME : MOHD SHAHRUDDIN BIN MD SAID
MATRIC NO : 0017658
SEX : Male
DATE OF BIRTH : 21/02/1994
CITIZENSHIP : MALAYSIA
IC / PASSPORT : 940221065669

SEMESTER ADMITTED : JANUARY 2013
MAJOR :
MINOR :
DEGREE AWARDED : BACH OF ENG(HONS) ELECTRICAL & ELECTRONICS
FINAL CGPA :
CLASS OF HONOUR :

| CODE | COURSE TITLE | GRADE | ST | CODE | COURSE TITLE | GRADE | ST |
|--------------------------------|--|-------|----|--------------------------------|--|-------|----|
| SESSION : JANUARY 2013 | | | | SESSION : MAY 2013 | | | |
| ECB1014 | Circuit Theory | C+ | | ECB1024 | Network Analysis | C+ | |
| ECB1063 | Structured Programming & Interfacing | B | | ECB1033 | Microelectronic Physics and Devices | C+ | |
| FCM1023 | Ordinary Differential Equations | A | | ECB1053 | Digital Electronics I | C+ | |
| LCB1042 | Academic Writing | A- | | FCM1033 | Vector Calculus | B | |
| PCB1012 | Introduction to Oil & Gas Industry and Sustainable Development | C+ | | KKB1031 | Basic Dance & Movement I | A | |
| | | | | MPW2143 | Islamic Studies | A- | |
| Grade Point Average | | 3.11 | | Grade Point Average | | 2.90 | |
| Cumulative Grade Point Average | | 3.11 | | Cumulative Grade Point Average | | 2.99 | |
| SESSION : JANUARY 2014 | | | | SESSION : MAY 2014 | | | |
| ECB2113 | Analogue Electronics I | B+ | | CCB2012 | Health, Safety and Environment | C+ | |
| ECB2123 | Signals and Systems | C+ | | ECB2143 | Microprocessor | C+ | |
| ECB2133 | Digital Electronics II | A- | | ECB2153 | Analogue Electronics II | B | |
| FCM2043 | Computational Methods | B | | ECB2163 | Communication Systems | B | |
| HCB2033 | Professional Communication Skills | B+ | | ECB2173 | Electromagnetic Theory | A- | |
| | | | | KAS1031 | Student Voluntary Activities | A | |
| Grade Point Average | | 3.25 | | Grade Point Average | | 3.05 | |
| Cumulative Grade Point Average | | 3.08 | | Cumulative Grade Point Average | | 3.07 | |
| SESSION : JANUARY 2015 | | | | SESSION : MAY 2015 | | | |
| ECB3113 | Digital Signal Processing | C+ | | ECB3153 | Power Systems | | |
| ECB3123 | Control Systems | B | | ECB3163 | Power Electronics | | |
| ECB3133 | Probability and Random Processes | B+ | | ECB3173 | Electrical Machines | | |
| ECB3143 | Electrical Energy System | A- | | GCB3173 | Engineering Economics and Entrepreneurship | | |
| GCB2033 | Introduction to Management | B+ | | KAM1061 | Entrepreneurship I | | |
| KSP1051 | Silat Olahraga | A- | | MCB3053 | Engineering Team Project | | |
| Grade Point Average | | 3.28 | | Grade Point Average | | | |
| Cumulative Grade Point Average | | 3.11 | | Cumulative Grade Point Average | | | |


Signature, Registrar

PETRONAS NASIONAL BERHAD
PETRONAS Twin Towers
Kuala Lumpur City Centre
50088 Kuala Lumpur



14th April 2016

Attn: To Whom It May Concern

TESTIMONIAL: MR. MOHD SHAHRUDDIN BIN MD SAID (IC No: 940221-06-5669)

This is to confirm that the above said student was attached to EPCC Package 4 Project Directorate Refinery and Cracker department under PETRONAS Refinery & Petrochemical Corporation (PRPC), PETRONAS as an Industrial trainee for a period of 8 months from September 2015 until April 2016.

We observed Mr. Shahrudin to be diligent, committed, fast learner and independent whilst carrying out his duties. During his intern, Shahrudin has also demonstrated his ability to learn fast, adjusting to various working environments and showed eagerness to learn both theoretical and practical aspects of the Oil & Gas industry. In addition to his ability to pick up new skills, he also possess a pleasant personality, demeanor, good communication skills and able to adapt well to our working environment.

Overall, he has performed well and demonstrated very keen interests in delivering the task given during the period of internship program. We are confident that he will perform well in his future career and can contribute effectively to any organization. With his high spirit to succeed and positive attitude. Therefore, we have no hesitation in recommending him to any organization.

Thank you.

Yours faithfully,



Syed Mohd Idrus Syed Mohd Najib
Head of Mechanical,
EPCC Package 4 Project Directorate Refinery and Cracker,
PETRONAS Refinery & Petrochemical Corporation (PRPC) Sdn. Bhd..