

Summary

Fresh **graduated in December 2022** from **Management & Science University (MSU)**. Trained in problem solving, troubleshooting and practical skills and experienced as **Assistance Calibration Specialist** and **Assistance Technician**. Passion for learning, training and **developing electrical/electronic projects**. Currently seeking any job opportunities in **Engineering, Calibration, Solar, Oil and gas** and any related fields. To search for a position that will allow me to improve my current programming, communication and teamwork skills. From this position, also seek the opportunity to learn new skills for future use.

About Me

Full Name : Muhammad Nur Zam Zam Bin Mohd Rosle
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Location : Petaling Jaya, Selangor, Malaysia



Education

MANAGEMENT & SCIENCE UNIVERSITY (MSU)

BACHELOR IN ENGINEERING TECHNOLOGY (ELECTRICAL & ELECTRONIC) (2019 - 2022) CGPA: 3.15

Among subjects taken:

- Electrical Engineering
- Power Engineering
- Control System
- Electrical Machinery
- Communication system
- Power Electronic

DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING (2016 – 2018) CGPA: 2.83

Among subjects taken:

- Power System
- Circuit Theory
- Instrumentation and Measurement
- Microcontroller
- Digital Electronic
- Industrial Control

Involvement

- ENT Community Service(Environment); Beach Cleaning @ Pulau Pangkor, Perak
- Merdeka Journey to orphanage house; Pertubuhan anak yatim dan miskin Klang Selangor
- Future SME conference 2019, Engineering the Future; MSU
- Major Project “Green Art & Technology Project”; Taman Botani Negara Shah Alam Selangor
- ENT Mega Mentoring :ENT ECO Challenge 2018; Semenyih Eco Venture Resort
- President Lecture Series by Minister of Foreign Affair and Embassy of Turkey; MSU

Final Year Project

- **Development of Egg Incubator with Solar Power – Bachelor 2021**

This invention will upgrade the egg incubator that has already in market today by using the solar energy as the power supply. The systems will automatically control the **temperature and humidity** of the incubator for **various types of egg**. The incubator also using the **IoT apps (Blynk)** with the **wifi module** to **monitor** the temperature and humidity condition of the egg.

- **Password Door Security system using Arduino Uno – Diploma 2018**

This project shows of developing a password door security system **using Arduino** and also can be further developed for more **advance application**. Moreover, this project also shows the LCD which displays the outcome for the user to identify the password that has been keyed in by using a keypad, whether it is correct or wrong.

Working Experience

2022(APR-JUL) Qurban Aid - (Freelancer)

- Preparing Copywriting to be use.
- Sharing posting about company's services using social media platform.
- Promoting company's services to clients using WhatApps Business.

2021-2022(OCT-MAC) Obsnap Calibration Sdn Bhd,Subang Jaya -(Assistant Calibration Specialist) - Internship

- Performed calibration and maintenance for machines, measuring tools and instrument (Pressure, Dimensions, Temperature, Mass and Force machines).
- Key in the Calibration Certificate using the system provided.
- Working on site perform calibration process in the team. (60% on site, 40% in office).
- Technical support to QAQC and RnD department.

2018(MAC-JUN) Pakar Scieno TW Sdn Bhd, Glenmarie - (Assistant Technician) Internship

- Air Quality Operation Division teammates.
- Performed calibration and maintenance for the gas analyser machines (Co2, O2 and others gas).
- Collecting and measuring the data from gas analyser machines on site.
- Technical support to QAQC department.

Software & Programming skills

- SolidWork
- PIC Microcontroller
- Proteus
- Blynk
- ThinkerCad
- MatLAB
- Arduino Uno
- AutoCAD

Engineering skills

- Analysis
- Wiring
- Soldering
- Troubleshooting

Others skills

- Management skills
- Malaysia Driving licence class B2 and D
- Mastery of Microsoft Office programs
- Fluent in Bahasa Malaysia and English

Achievement & Awards Receive

- Graduate Technologist Malaysia Board of Technologist (MBOT) 2023
- High Committee Young Engineer Club (YEC) MSU 2021 – 2022
- Malaysian University English Test (MUET) 2022
- MSUiRex Fise bi-Annual Expo 2021
- MSUiRex Fise bi-Annual Expo 2018

References

NUR SHAZWANY ZAMANI

Mentor and lecture at Faculty of Information Science and Engineering (FISE), MSU

Tel: 013-3355590

Email: nur_shazwany@msu.edu.my

CHENG KAM SENG

Chief Technical Officer at Obsnap Calibration Sdn Bhd

Tel: 03-56215786

Email: ks.cheng@obsnap.com

Working Experience

Freelance

Self-Employed April 2022 - Present

- Utilize social media platforms to strategically share compelling posts about various companies' services, effectively increasing brand visibility and engagement.
- Employ innovative marketing strategies on WhatsApp Business, cultivating strong relationships with clients and driving sales to achieve and surpass targets.
- Actively pursue continuous learning, acquiring and sharing in-depth brand and product knowledge with clients, enhancing customer experience and satisfaction.
- Drive sales and consistently exceed sales targets through proactive client engagement and persuasive communication.
- Serve as a freelance agent for renowned companies such as Qurban Aid and Bulan Bintang, demonstrating versatility and adaptability in representing diverse brands and products.
- Successfully established and managed a thriving business specializing in handmade kek batik, showcasing exceptional skills in product development, marketing, and customer relations.
- Implemented effective business strategies to achieve sustained sales growth and ensure high levels of customer satisfaction, resulting in a loyal customer base and positive brand reputation.

Obsnap Calibration Sdn Bhd, Subang Jaya

Assistant Calibration Specialist (Internship) October 2021 - March 2022

- Orchestrated precise calibration procedures for a wide range of machines and instruments, ensuring accuracy and reliability in critical measurements.
- Seamlessly managed calibration certificates using cutting-edge digital systems, streamlining documentation processes and enhancing efficiency.
- Thrived in a dynamic environment, actively participating in on-site calibration projects alongside a dedicated team, showcasing adaptability and teamwork skills.
- Provided invaluable technical support to the Quality Assurance/Quality Control (QAQC) and Research and Development (R&D) departments, contributing to the company's commitment to excellence.

Pakar Scieno TW Sdn Bhd, Glenmarie

Assistant Technician (Internship) March 2018 - June 2018

- Played a pivotal role in the Air Quality Division, collaborating closely with teammates to maintain high standards of performance and service delivery.
- Demonstrated expertise in the calibration and maintenance of advanced gas analyzer machines, ensuring optimal functionality and accuracy in environmental monitoring.
- Applied meticulous attention to detail in data collection and analysis, providing valuable insights to support decision-making processes within the Quality Assurance/Quality Control (QAQC) department.
- Exhibited a proactive approach to problem-solving, troubleshooting technical issues efficiently and contributing to a culture of continuous improvement.