

MUHAMMAD AFIQ BIN ABDULLAH SEDEK

Bachelor of Science (Hons.) Applied Chemistry



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Muar, Johore



[linkedin.com/muhammad-afiq](https://www.linkedin.com/muhammad-afiq)

To secure a chemistry-related position where I can leverage my Bachelor of Science (Hons.) in Applied Chemistry and experience in the oil and gas industry. I have a strong background in laboratory techniques, chemical safety, and environmental monitoring, and I am eager to contribute to the chemical, oil and gas, and renewable energy sectors.

Position Applied : Chemist/Laboratory Technician

Expected Salary : RM 2800- RM3500

EDUCATION

Universiti Teknologi Mara (UiTM)

Shah Alam

Bachelor of Science (Hons.) Applied Chemistry

Sept 2021- Jan 2025

Current CGPA : 3.08

Final Year Project : Fabrication and Characterisation of Cu and Co Loaded on Nickel Sheet Catalyst for Ammonia Electro-oxidation of Hydrogen Energy

Relevant coursework

- Chemical Technology
- Environmental Chemistry
- Renewable Energy Technology
- Quality Control

Kolej Matrikulasi Johor (KMJ)

Johor

Science Major (Modul III) | CGPA: 3.33 | MUET: Band 4

May 2019- May 2021

EXPERIENCE

PRPC UF Sdn Bhd

Johor

Internship (Reason leave : Ended Internship)

Oct 2024- Jan 2025

Internship Project : Diene Value Study

- Gained strong knowledge regarding UOP-326 method
- Competent in handling OptiDist for Boiling Point test (ASTM D86)
- Performed density test using Anton Paar Densitometer (ASTM D4052)
- Solidified skills in operating Karl Fischer Titration
- Strong foundation and expertise in Agilent HPLC-RID, Perkin Elmer HPLC-RID
- Gained hands-on operation and expertise in conducting XCN Octane Rating Unit
- Experienced in using OptiCPP Cloud & Pour point (ASTM D2500 & D97)

Pejabat RELA Muar

Johor

Data Entry (Reason leave : Further Study)

Feb 2022

- Entering 400+ of data daily with much detail without making any mistakes.
- Communicate with the higher officer in formal mannerisms.

PPV Dewan Jubli Intan

Johor

Health Officer (Reason leave : Further Study)

April 2021-Aug 2021

- Coordinates vaccination procedures including scheduling appointments.
- Oversee the registration process for individuals

LEADERSHIP EXPERIENCE

Universiti Teknologi Mara (UiTM)

Shah Alam

Media Exco of Frisbee Club

May 2022-Present

Universiti Teknologi Mara (UiTM)

Shah Alam

There is Us in Sustainability at SEMASHUR

Feb 2024- Sept 2024

Universiti Teknologi Mara (UiTM)
Technical and Logistic Exco of Volleyball Club (SULAM)

Shah Alam
Nov 2022- Jan 2023

Southern Volunteer
Active Volunteer

Johor
April 2021-Aug 2021

Kolej Matrikulasi Johor (KMJ)
Head of Student Council of Hostel

Johor
Jan 2021-May 2021

Kolej Matrikulasi Johor (KMJ)
Secretary of Frisbee Club for students and alumni

Johor
April 2019-Present

SKILLS & HIGHLIGHTS

Languages:

- Malay : Fluent
- English : Proficient
- Japanese : Elementary
- Mandarin : Elementary

Microsoft Office Suite:

- Microsoft Word : Proficient
- Microsoft PowerPoint : Proficient
- Microsoft Excel : Competent
- Microsoft Outlook : Proficient
- Microsoft Power BI : Advanced

Technical Skills

- Utilized the UV-Vis proficiently
- Certified in the operation and handled of Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)
- Conducted Fischer titration for diene value studies competently
- Proficient in Pensky-Martens Flash Point test (ASTM D92/D93)
- Well experienced in handling PAC Optri Freezing Point test (ASTM D2386)
- Knowledgeable in maintaining compliance with good laboratory practices
- Experienced in conducting thorough literature reviews to support research projects

REFERENCES

Mohd Lokman Ibrahim (Assoc. Prof. Dr)

Associate Professor
School of Chemistry and Environment
UiTM Shah Alam
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M Fiteri Azhar B A Rahim (ChM. Ts.)

Analytical Chemist
Centralised Laboratory Services
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