



# BILL ACHERLLYS JAILIS

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## SUMMARY

A motivated fresh graduate of bachelor's degree in Electronic Engineering (Computer) with experience in hardware and software development that closely related to Internet of Things (IoT) development. Looking forward to further improve and apply knowledges and skills with relevant company, possess strong ability in testing and troubleshooting products, and a fast learner in learning new technology knowledges.

## WORKING EXPERIENCE

- **Jabatan Perkhidmatan Komputer Negeri Cawangan Kota Marudu**  
*26.07.2021 - 18.10.2021*  
Industrial Trainee
  - Provide assistance to the technician in performing troubleshooting on the company's computer, network, and routers.
  - Provide assistance to the software developer in developing a web based system for the project application for Matunggong district office using XAMPP and Sublime Text software.
- **Sabah Energy Corporation Sdn.Bhd.**  
*08.01.2018 - 22.06.2018*  
Industrial Trainee
  - Worked along with operators to inspect the daily condition of the customer's pipeline system.
  - Provide assistance the maintenance engineers in performing a scheduled maintenance on the customer's pipeline system.
  - Provide assistance to the maintenance engineers in repairing the natural gas compressor during sudden breakdown.

## EDUCATION

- **Universiti Malaysia Sabah**  
*2018 - 2022*  
Bachelor of Electronic Engineering (Computer) with Honours  
2.91
- **Universiti Kuala Lumpur Malaysia France Institute**  
*2015 - 2018*  
Diploma of Engineering Technology in Machine Building and Maintenance  
3.53
- **Maktab Rendah Sains MARA Tun Mohammad Fuad Stephens**  
*2013 - 2014*  
SPM  
2A, 2A-, 4B+, 1B

## FINAL YEAR PROJECT

- **Internet of Things Based Stingless Beehive Monitoring System**
  - To design and integrate hardware components of microcontroller, sensor, and Wi-Fi modules.
  - To develop a web-based monitoring system that can display real-time temperature and humidity inside the hive.
  - To analyze the relationship between temperature, humidity, and honey production inside the hive.

## ACHIEVEMENTS & AWARDS

- 4th IEEE International Conference on Artificial Intelligence in Engineering and Technology - September 2022
- 2022 IEEE-UMS Electrical & Electronic Engineering Project Challenges - June 2022
- Virtual Industry Career Talk Series: Different Roles and Practices of Engineers in the Industry - April 2022
- Shell Malaysia Motorcycle Grand Prix 2017 - Volunteer - October 2017
- The Project of Largest Youth Participation in Grooming with Confidence and Boosting Aura - October 2017
- Dean's List Award - Semester January 2017 - July 2017
- Made in UniKL Innovation Competition 2017 - May 2017
- Program Konsolidasi Patriotisme Ekonomi Bumiputra - March 2017

## SKILLS

- Microsoft Office
- Solidworks
- AutoCAD
- CATIA
- MATLAB
- Proteus
- Arduino IDE
- MPLAB X IDE

## LANGUAGES

- Rungus
- Malay
- English

## REFERENCE

- **Dr. Aroland M. J. Kiring - "Universiti Malaysia Sabah"**  
Senior Lecturer  
arland@ums.edu.my  
010-932 5405
- **Muhammad Nur Aizat Bin Bendarah - "Sabah Energy Corporation Sdn. Bhd."**  
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