



# YASMINE HENRY

## Mechatronic Engineering Graduate

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### SUMMARY

A recent Mechatronic Engineering graduate with hands-on experience including electronic and mechanical equipment and trained as a Software Engineer Intern with competence in developing along multiple programming languages. Fast learner with proactive perspective, exhibit trustworthiness and self-motivation.

### EDUCATION

<b>Politeknik Kota Kinabalu</b>	Dec 2019 – Dec 2022
Diploma in Mechatronic Engineering	
CGPA : 3.95	
<b>Sekolah Menengah Kebangsaan Agaseh Lahad Datu</b>	Jan 2014 – Dec 2018
Secondary School, Engineering Science Stream	
SPM : 1A+, 1A, 2A-, 2C+, 2C, 1D, 1E	

### INTERNSHIP EXPERIENCE

<b>Phi Software Sdn Bhd</b>	Aug 2022 – Dec 2022
Position : Software Engineer	
Contributed in developing software, website and mobile app for company like The New Straits Times Press (Malaysia) Bhd, Yamazaki Mazak Malaysia Sdn Bhd, Enersun Sdn Bhd and etc. Build using Odoo, Docker, GitHub and Git.	

### FINAL YEAR PROJECT

#### IoT Based Air Monitoring Device

A portable device that detect and improve air quality using Arduino UNO and NodeMCU ESP8266 as well as monitor and notify user through Blynk Application on smart phone about the air quality level and store data.

### AWARDS

<b>Students' Innovation Project Exhibition &amp; Competition (ProjeX-24)</b>	May 2022
1st Runner Up - Research Fundamental Category	
<b>Mechanical Engineering Innovation Exhibition (MIEX)</b>	Jun 2022
Best Poster	
<b>Head of Department's Award (GPA above 3.50)</b>	Dec 2019 – Dec 2022
Sem 1 : 3.84   Sem 2 : 4.00   Sem 3 : 3.98   Sem 4 : 4.00   Sem 5 : 3.93	

### CERTIFICATES & EXTRA-CURRICULAR PARTICIPATIONS

▪ Crash Course on Python by Google Coursera	(2023)
▪ Introduction To Physical Computing by Lancaster University	(2023)
▪ The Database Development Life Cycle by The Open University	(2023)
▪ An Introduction To Software Development by The Open University	(2023)
▪ IT in Everyday Life by The Open University	(2023)
▪ Students' Innovation Project Exhibition & Competition (ProjeX-24)	(2022)
▪ Mechanical Engineering Innovation Exhibition (MIEX)	(2022)
▪ SMJ-SOGIP WEEK 2022 Program	(2022)
▪ Entrepreneur For Your Future Program	(2022)
▪ Secretary in Mechatronz Club at Politeknik Kota Kinabalu	(2021 - 2022)
▪ Mechanical Engineering Design and Analysis Course	(2020)
▪ Residential Collage Student Committee at Politeknik Kota Kinabalu	(2019)

## SKILLS

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### i. Software

- Visual Studio Code
- Docker
- Arduino IDE
- MPLAB X IDE
- OMRON CX-Programmer
- Autodesk AutoCAD, Inventor & Fusion 360

### ii. Programming Languages

- Python (90%)
- C (90%)
- JavaScript (50%)
- HTML (90%)
- CSS (80%)
- XML (50%)

### iii. Languages

- Bahasa Melayu (Fluent)
- English (Fluent)
- Mandarin (Intermediate)
- Cantonese (Intermediate)

## LICENSES

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### Construction Industry Development Board (CIDB)

ID : 2010411SB2200478588

Expires Sep 2027

### Driving Licence

Class : DA

Expires April 2027

## REFERENCES

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### 1. Ts. Dr. Zinvi Fu @ Hu Jing Wei

Academic Advisor & Lecturer  
Mechanical Engineering Department  
Politeknik Kota Kinabalu  
Contact: +60 12-786 5517

### 2. Mr. Raizizan Bin Rahim

Project Supervisor & Lecturer  
Mechanical Engineering Department  
Politeknik Kota Kinabalu  
Contact: +60 12-429 0227

### 3. Ms. Eliora Latri

Internship Supervisor &  
Software Engineer  
Phi Software Sdn. Bhd  
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