

AQIL HANAFI

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Personal Portfolio: <https://aqilhanafi.github.io/Aqil/>



PROFILE SUMMARY

A final year student from University of Putra Malaysia majoring in Computer Science will be finishing internship on 15th August 2023 and will be **graduating in October 2023**. I am seeking a position of entry level as a **Technology Analyst** which will utilize the professional and technical skill I developed through study, personal projects, and internship. I am available and prepared to commence **employment on 1st of September 2023**.

EDUCATION

University of Putra Malaysia (UPM)	September 2019 – October 2023
Bachelor of Computer Science (Computer System)	
<ul style="list-style-type: none">Expected graduation: October 2023Current Cumulative Grade Point Average (CGPA): 3.665	
University of Putra Malaysia (UPM)	June 2018 – April 2019
Foundation of Agriculture Science	
<ul style="list-style-type: none">Graduated: April 2019Cumulative Grade Point Average (CGPA): 3.303	
Kolej Islam Sultan Alam Shah (KISAS)	March 2016 – December 2017
Sijil Pelajaran Malaysia (SPM)	
<ul style="list-style-type: none">Graduated: April 2019Grade: 9A 2B	

WORK EXPERIENCE

Tamarix Onesolutions	
Programming Intern	March 2023 - August 2023
[A software development company specializing in the creation software and applications.]	
<ul style="list-style-type: none">Independently engineered and developed a feature-rich Visitor Management System (VMS) that is robust and scalable solution for managing visitors and enhancing security measures in buildings or facilities.Accomplished software testing professional with a proven ability to implement robust testing strategies, ensuring the delivery of high-quality software products.Skilled in creating clear and concise technical documentation and user guides to facilitate efficient software implementation and user comprehension.Effectively utilized Datadog and Postman API to monitor test hundreds of APIs, ensuring optimal performance and reliabilityDesigned and developed the user interface (UI) for a complex website system utilizing Figma and Adobe XD, ensuring a seamless and visually appealing user experience.	
Armza Swimming Academy	
Swimming Instructor	March 2018 - March 2023
[A swimming academy specializing in swimming instruction and training individual students]	
<ul style="list-style-type: none">Demonstrated proper swimming techniques, including different swim strokes with clear instructions to help students understand and perform the movements correctly.Educated students on water safety practices, emphasizing the importance of personal safety in and around water such as treading water, floating, and basic rescue techniques, to ensure students are equipped with the necessary skills to stay safe in water-related situations.	

- Assessed the skill level and abilities of each student, taking into account factors such as age, experience, and comfort level in the water to tailor their set appropriate goals.
- Developed planned lesson plans that evolve logically from fundamental abilities to more advanced strategies that target particular areas of growth and adapt to the students' skill level.
- Conversed progress reports, discuss goals, and address any concerns or issues with parents or guardians.

PROJECTS

Enhanced Edge Processing with IoT Based Integrated Hydroponic System

<https://github.com/aqilhanafi/IoT-Blynk-Hydroponic-Monitoring.git>

December 2022

- Design an IoT based embedded system that can monitor the watering rate and time that are suitable for planting.
- Develop a dashboard that displays the results and monitor the plant.

Heart Attack Prediction Analysis

<https://github.com/aqilhanafi/Heart-Attack-Prediction-Analysis>

June 2022

- Collected and analyzed a comprehensive dataset for heart attack prediction, including features such as age, gender, cholesterol level, blood pressure, and smoking habits.
- Performed data preprocessing tasks, including handling missing values, removing duplicates, and normalizing or scaling numerical features, using Python libraries such as Pandas and NumPy.

TanyaDr, Your online Dr. Consultation Application

<https://github.com/Dazriq/TanyaDr>

June 2022

- Utilized Flutter's rich widget library and customizable UI components to create intuitive functionalities, including appointment scheduling, real-time video consultations, secure messaging, and electronic medical records.
- Conducted thorough testing and debugging processes to identify and resolve any issues or inconsistencies, ensuring a seamless and error-free user experience.

ORGANISATIONAL EXPERIENCE

Persatuan Mahasiswa Anak Negeri Sembilan (PERMANIS)

Spiritual and Welfare Exco

November 2020

- Engaged in a volunteer initiative at Chow Kit for to empower the homeless, offering support and resources while advocating for lasting change.
- Conducted a talk for preachers such Ustaz Ahmad Adnin bin Roslan with a title 'Will of Luqmanul Hakim'.

Sekretariat Kebudayaan Kolej Tun Dr Ismail (KTDI)

Head of Theatre and Acting

November 2020

- Collaborated with production teams, directors, and performers to design and execute unique artistic concepts, while also managing funding, scheduling, marketing, and audience engagement to guarantee the overall success and expansion of the theatre and acting function.
- Coordinated and directed both the artistic and administrative parts of theatrical shows, including creative vision, casting, rehearsals, and maintaining the theatre organization's efficiency.

Gather the System Day

Logistic Exco

June 2022

- Planned and organised all parts of the programme or event's logistics.
- Arranged for participant transportation, including travel to and from the location.

AWARDS / CERTIFICATE

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- Completed an online course from Udemy: The Ultimate Hands-On Hadoop: Tame your Big Data! in effectively processing large-scale datasets using the powerful Hadoop framework. February 2019
 - Recipient of the JPA (Jabatan Perkhidmatan Awam) scholarship. 2020 to 2023

- Gained 3rd place in E-sport Valorant tournament in UPM May 2022
- Finisher placement for half-marathon in Selangor Marathon 2020 by completing 21.1km within 3 hours and 30 minutes March 2020
- Achieved 2nd place in the Arts in Ramadhan **video creation competition**, showcasing exceptional skills and creativity in video production. April 2022
- Recipient of the **Artist Star Award 2023 (Anugerah Bintang Seniman)** for Kolej Tun Dr. Ismail (KTDI), University of Putra Malaysia June 2023
- Achieved 2nd place in intercollegiate marching competition. November 2019
- Dean's List Award Semester 3 Year 2 session 2020/2021
- Dean's List Award Semester 5 Year 3 session 2021/2022
- Dean's List Award Semester 7 Year 4 session 2022/2023

SKILLS

Expert : PHP, Arduino, Bynk, InfluxDB, Adobe XD, Figma, Oracle Database, Microsoft Excel, Java, Python.

Proficient : JavaScript, C, C++, HTML/CSS, Bootstrap, Sklearn, Google Docs, Google Sheets, Google Cloud, Computer Vision, Artificial Intelligence, RapidMiner, Power BI, Tableau.

Basic : ASP.NET, Sklearn, Adobe Illustrator, Dart, Flutter, Firebase, Laravel, Tailwind, React, React Native. Laravel, CodeIgniter.

Tools and Software : Visual Studio Code, Eclipse, Android Studio, Postman API, Datadog, PhpMyAdmin, Oracle Database, Google Colab, Tinkercad, Gitlab, GitHub, Microsoft Excel, Jenkins, docker, Kubernetes, Jira, Blynk.

Languages : Malay (Native Proficiency), English (Professional working proficiency), Arabic (Basic), Spanish (Basic).

REFERENCES

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- **PROF MADYA DR. THINAGARAN A/L PERUMAL**,
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