Bryan Wen Yau Yong

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SUMMARY

Passionate, responsible and hardworking. Always work hard to achieve my target no matter what it takes.

EDUCATION

Monash University, Malaysia Campus
Bachelor's Degree in Software Engineering (Hons)   Feb 2017 – Dec 2020

- Academic Honors: **CGPA 3.70** (July 2020), **Dean's List 2018 for Faculty of Engineering**
- Undergraduate research in "MiniLibrary, Losing Weight for Android Applications". This research aims to reduce "obesity" issue commonly found in APK files in size.
- Student Member, IEEE Monash University Malaysia Student Branch.
- Monash University LEO Club Volunteer.
- Related Coursework: Big Data, Databases, Algorithms, Object Oriented Design, Computer Networks
- Skills: **Python, Java, JavaScript, HTML5, CSS, C#, C, SQL, Flutter, Dart, ReactJS, MongoDB**

Sunway University College
Australian Matriculation   Jan 2016 - Dec 2016

- Joined Australian National Chemical Quiz (2016) with an achievement of Merit.
- Joined Big Science Competition online with a certificate of participation.
- Awarded Certificate of Participation for volunteering at Malaysian Care, Tasik Selatan.
- Awarded Certificate of Achievement in Sunway Student Volunteers (2016/2017) for Bronze Award.

SMK Seafield
Secondary Education   Jan 2011 – Dec 2015

- Achieved 10As in SPM 2015 (Sijil Pelajaran Malaysia).
- Awarded Best Student for Chemistry SPM 2015 overall among the cohort.
- Achieved Merit in Malaysian National Chemistry Quiz 2015.
- Achieved Honorable Mention for category Student in KMC 2015 (Kangaroo Math Competition).
- Awarded Certificate of Participation for the 9th Sunway College A-level Math and Logic Challenge for State Level and National Level.
- Awarded Certificate of Achievement for Top 20 Best Concept Paper Submission Social Innovation Relay, 2014.

EXTRA - CURRICULAR ACTIVITIES

- **Member of the Board of Librarians** of SMK Seafield for year 2014-2015.
- **Event organizer** for LEO Club's volunteering trip to Rumah Charis, Puchong for year 2017.
- **Event organizer** for LEO Club's volunteering trip to Malaysia Independent Animal Rescue in 2018.
- **Organizing Committee** for "#itsleotime" Leadership Camp 2019 for LEO Club. Managed the event's finance as the treasurer.
- **Organizing Committee** for Inspire SEA VIII 2019. Inspire SEA is a 7D6N camp organized for the underprivileged secondary school students in Malaysia in order to inspire, motivate the students while giving an opportunity for the tertiary students to give back to the community.
- **Vice Treasurer of Monash University Malaysia Engineering Club (MUMEC)** for year 2020. Handled the budgeting and reimbursement processes for all events held by seven engineering clubs. (IChemE, IEMMSSS, EWB, EAMSSS, IEEE, MWE, School of Engineering Reps). Other job scopes include writing the budget proposal for 2021.

WORK EXPERIENCE

Worker of Pembekal Makanan Satu Lapan & Kopitiam 118, Johor Bahru   Jan 2019 – Feb 2019

- Managed the data entry of debtors and creditor's receipts of the company on daily basis.
- Served as the cashier in Kopitiam 118 and handled the cash flows in the restaurant.

Software Developer (Part-Time), Monash University Malaysia   Jun 2019 – Jul 2019

- Worked as a team of students to develop a software to allow staff members to upload CSV format files of affiliations.
- The main purpose of the software is to reduce redundancies and manual effort that are required when sorting the publication records by different researchers.

Software Engineer Intern, Genting Malaysia   Nov 2019 – Mar 2020

- Translate user requirements to frontend user interface code for EOM System of Genting Malaysia.
- Developed responsive design for EOM system for Web and Mobile via Bootstrap 4 framework.
- Revamped the navigation menu for EOM system to be responsive and space efficient.
- Performed software testing and documentation for eLeave Casino System.

PROJECTS

Publication Record CRM Project   Jun 2019 – Jul 2019

- This project was worked on during the one-month break from university, mainly to minimize redundancies and manual effort that are required when sorting the publication records.
- The developed software allows the upload of CSV files of affiliations and returns an updated CSV with all necessary information as required by the Campus Research Management staff members.

FHIR Universal Patient Record Viewer   Mar 2019 – June 2019

- Developed using Java and NetBeans framework.
- The data of patient vitals is stored in a central server to save time spent in local tests.
- This application enables doctors to view and monitor the patient record fetched from the server.
- Designed with OOD principles and design patterns to produce functional and maintainable codebase.

Personal Website Portfolio   Jan 2020 – Present

- Developed using HTML5 and CSS to showcase the list of projects done.

Deaf in Touch Everywhere (DITE)   Feb 2020 – Nov 2020

- DITE is a mobile application developed by a team of six.
- Frontend technologies include Flutter and Dart.
- Backend technologies used are JavaScript and PostgreSQL.
- This project aims to solve issues faced by the deaf users by allowing them to schedule medical appointments with medical staff with the help of sign language interpreters without the need to meet physically.
- Notable features include on-demand schedule, booking, 1-on-1 video calling, chat function and Covid-19 questionnaire.

REFERENCES

Dr. Chong Chun Yong   **Dr. Lim Mei Kuan**
Lecturer   Lecturer
PhD Computer Science (Software Eng)   PhD Computer Science
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