



# ENG YEE WEI

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*"Passionate in exploring knowledge,  
educate young generation and possess  
strong self-discipline. Combining  
knowledge with experience to create  
awesome things. Enjoy learning process  
and always upgrade myself. "*



## EDUCATION

- **Master of Data Science and Analytics**

March 2021 - July 2022

University of Science Malaysia (USM)

CPGA : 3.52

- **Bachelor of Computer Science in Software Engineering (Hons)**

September 2016 - September 2020

University of Malaysia Sarawak (UNIMAS)

CGPA: 3.63

- **Sijil Tinggi Persekolahan Malaysia (STPM)**

SMJK Jit Sin | 05/2014 - 12/2015

CGPA : 2.84

- **Sijil Pelajaran Malaysia (SPM)**

SMJK Jit Sin | 01/2013 - 12/2013

Result: 10As

## PROFESSIONAL SKILLS



- C ,C++, R
- HTML, CSS, JavaScript, jQuery
- Java
- PHPMyAdmin
- MySQL
- Excel VBA
- Machine Learning
- Data Analysis
- Data Visualization
- Microsoft Power BI
- Tableau
- Python

## CERTIFICATES



- Learning Data Analytics(04/2019)  
Certified by Lynda.com
- IELTS (04/2016)  
Band 6.0
- MUET (05/2014-03/2015)  
Band 4
- Kumon Mathematics Program Completion  
(12/2009 - 09/2012)



## WORK EXPERIENCES

### Computer Science Lecturer

DISTED College (June 2023 - Present)

- Conduct various CS, DA related modules to Diploma, Foundation, Degree students across various schools.

### Computer Science Lecturer

Top Skills College (UTM SPACE) | Nov 2022 - May 2023)

- Conduct various programming related modules to Professional Certificate, Professional Diploma Computer Science Students

### Diploma Lecturer/Vocational Training Officer

New Era Institute and Vocational Continuing Education (NEIVCE) | July 2022 - October 2022

- Conduct various courses and lectures to Software Engineering diploma students

### MSSC Digital Transformation Automation intern

Intel, Penang (PG8) | Jan 2019 - Aug 2019

- Deploy automation for finance related projects
- Train the project stakeholders on project automation skills to increase efficient working hours
- Handle lean training events registration for finance department

### Private part time clerk

Privately employed | Feb 2016 - Aug 2016

- Design power point slides for seminar, document arrangement

### Mathematics tutor

Chan Pong Tuition Centre | Jan 2016 - Aug 2016

- Teach Mathematics on Standard 6 to Form 4
- Design creative teaching method
- Make tuition notes



## PERSONAL PROJECT

### Master Practicum Project: Environmental Waste Surveillance Detection on Water Bodies based Modelling

- Develop object detection model using pre-trained model (Deep Learning)

### Final year project -- IoT piggy bank on money saving habit instillation

- Develop an IoT piggy bank that associated with an Android mobile app for children's saving goal tracking.
- Evaluation on usability of IoT piggy bank on money saving through saving trend and reminder alert occurrence graph generation.

## ACHIEVEMENTS



### BlackLine Reconciliation Automation Internship Project Achievement (08/2019)

Design and automate blackline front end and data access, data pulling for convenient use of stakeholders. Certified by Heng Sze Ling. Awarded with highest recognition points among all personal internship project.

### Depreciation Module Mapping Automation Project (07/2019 - 08/2019)

Code out macros to replace all complicated manual processes on Module mapping and file formatting. Awarded with second highest recognition points among all personal internship project.

### Malaysia WHT VBA Automation Internship project (06/2019 - 06/2019)

Code out macros for specific criteria identification based on requirements and do filtering automation and fill in GTT status automatically. Awarded with third highest recognition points among all personal internship project.

### ICUK Reverse Charge Automation Internship Project (02/2019 - 04/2019)

Combination of Python and VBA. Reduce manual processes and repetitive tasks on data categorization. Update formulas and code out macros based on stakeholder's requirement. Passed with stakeholder's verbal recognition.

## Digital Transformation Website Design

(06/2019 - 08/2019)

Documents out functional requirements and user interfaces. Deal with Global Productivity Solution (GPS) team for website development using Wordpress under provided training. Completed virtual training before internship ends.

## LEAN training scheduler (04/2019 - 08/2019)

Set up sessions and thread for Lean Training class and send out invitation emails for participants. Answer inquiries regarding training workshop. Completed every session arrangement of lean training planned until internship ended.

## Han Chiang High School STEM Outreach

(08/2023 - 03/2024)

In collaboration of Penang Math Platform (PMP) and Micron, I represented DISTED College to conduct STEM Computer Science class to Form 5 students.

## Mobile App in React Native Workshop

(08/2024)

Conduct a 3-hours basic React Native mobile app workshop to Penang Chinese Girls School Form 4 students in DISTED College.

## Python Automation Workshop (05/2024)

Conduct a 3-hours Python Automation workshop to SPM leavers in DISTED College.

## LANGUAGES



### LANGUAGES

Chinese  
Native of Bilingual  
Proficiency

English  
Full Professional Proficiency

Malay  
Full Professional Proficiency

French  
Elementary Proficiency

## PUBLISHED PAPER



Wee, B. L., & Eng, Y. W. (2021). IoT Piggy Bank for Money Saving Habit Instillation. Journal of IT in Asia, 9(1), 1-10.  
<https://doi.org/10.33736/jita.2860.2021>

## REFERENCES



### REFERENCES

Ms. Wee Bui Lin  
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