



# Gui Miow Wan (Mandy)

Masters of Data Science at University of Malaya | Business System Analyst at ChampionX

## About Me

Optimistic thinker. Always believe that nothing is impossible. I am looking forward to new challenges with an open mind—a dependable person who is excellent at time management.

I am looking for a change to the Data Science field and applying and contributing my Data Science knowledge.

## Bio

🏠	Residence Status	Malaysian Singapore Permanent Resident
✉	Email	miowwan.gui@gmail.com
📞	Phone	+ 6016 - 658 9241 (MY) + 65 - 9086 2047 (SG)
📍	Address	C-17-18 United Point Residence 10, Jalan Lang Emas 51200 Kuala Lumpur.

## Professional Skills

Python Programming	INTERMEDIATE
R Programming	INTERMEDIATE
Power BI	INTERMEDIATE
Tableau	ELEMENTARY
Microsoft SQL Server	INTERMEDIATE
Microsoft Azure	INTERMEDIATE
Google Cloud Platform	INTERMEDIATE
SAS Enterprise Miner	ELEMENTARY

Microsoft Powerapps	ADVANCE
Microsoft Power Automate	ADVANCE
Sharepoint Online	ADVANCE
Office 365	INTERMEDIATE
Octave	ELEMENTARY
Project Management	INTERMEDIATE
Software Development	INTERMEDIATE

# Work Experience

## Business Systems Analyst at ChampionX SG Service Pte Ltd, Singapore

June, 2018 - Present

ChampionX: Ecolab's Spin-off of Nalco Champion's Upstream business

- Gather requirements specifications, analyze and provide/suggest possible solutions to business users.
- Managing projects and performing enhancement/changes to the existing business applications.
- Perform migration from network drive folder and files to cloud (SharePoint Online).
- Liaise with business users throughout the solution development cycle.
- Translating requirements into functional specifications.
- Get involved in solution development and work with business users on UAT.
- Liaise with software vendors on different solutions.
- Conduct user training on business applications.
- **Skills:** Microsoft Power BI, PowerApps, Power Automate, SharePoint Online, Microsoft SQL Server, Sharegate

## New Zealand Working Holiday Program

June, 2017 – March, 2018

New Zealand Cherry Corp Packhouse – Cherry Grader, Packer

Dunstan Hills Orchard Packhouse – Cherry Grader

Underglass (Bombay) Ltd Glasshouse – Picker, De-leafing, Prunning, Pull-out

Metropolitan Motel – Housekeeping

- Developed planning, scheduling and budgeting skills by planning and organizing my year in NZ for work and holidays.
- Learned how to adapt to unanticipated situations and improvise new plans due to periodic travel mishaps and unexpected events.

## Analyst Programmer at Seatech Consulting Group, Singapore

Nov, 2013 – May, 2017

- Perform support to users, issue simulation, analyze root cause and fix issues reported
- Perform enhancement on the existing module in Aegis (a integrated insurance system)
- Perform issue fixing on the crystal report

## Senior System Engineer at Infopro Sdn Bhd, Selangor, Malaysia

May, 2013 – Nov, 2013

- Banking Solution, ICBA system, PL/SQL developer
- Responsible for developing store procedure/package for backend systems such as End of Day, Pre-End of Day, and Post-End of Day of deposit module, which has three main sub-modules: current account, saving account and fix-deposit account
- Perform unit testing, integration testing and DB2 compatibility
- Prepare elaboration for End of Day, Pre-End of Day, and Post-End of Day of deposit module

## Software Implementation: Technical Consultant at Accenture Solutions Sdn Bhd, Selangor, Malaysia

Apr, 2011 – Apr, 2013

- Developing a mobile application that allows a salesperson to take orders on their mobile device and upload the details to the office back-end system in the distributor centre.
- Responsible for developing and enhancement in Sales Force Automation (SFA) and Distributor Management Systems (DMS).
- Perform unit testing and issue simulation, analyze root causes, fix reported issues, and provide customer support.
- Perform Deployment and set-up on the production server.

## Internship Program at Cyansys Sdn Bhd, Kuala Lumpur, Malaysia

Apr, 2010 – Sep, 2010

- C/AL (Client Application Language) used in the Client/Server Integrated Development Environment(C/SIDE) included with Microsoft Dynamics NAV.

## Education

### Master's Degree in Data Science from University of Malaya, Malaysia

2021 - 2023

CGPA: 3.81 (Pass with Distinction)

### Bachelor's Degree in Computer Science from Campbell University, USA

2009 - 2011

### Advanced Diploma in Computer Science and Computer Mathematics from Tunku Abdul Rahman College, Malaysia

2009 - 2011

### Diploma in Computer Science and Computer Mathematics from Tunku Abdul Rahman College, Malaysia

2007 - 2009

## Languages

### English

FLUENT

### Bahasa Melayu

PROFICIENT

### Mandarin

NATIVE

### Cantonese

PROFICIENT

## References



### Associate Professor Dr. Norjihan Abdul Ghani

Head of Department Information Systems  
Faculty of Computer Science and Information Technology  
Universiti Malaya

[norjihan@um.edu.my](mailto:norjihan@um.edu.my)

+603-7967 6351



### Mary Lawrence

Project Manager  
Government Technology Agency, Singapore

+65 9169 3024

## Contact

+ 6016 - 658 9241 (MY)  
+ 65 - 9086 2047 (SG)

✉ [miowwan.gui@gmail.com](mailto:miowwan.gui@gmail.com)

🔗 <https://mandymiowwan.github.io/>