+6016-5506865

jying1997@gmail.com

Block B, Sinaran Residence, 14110 Simpang Ampat (Batu Kawan), Penang

Education 🎓

Foundation in Science
Universiti Tunku Abdul Rahman (UTAR)
CGPA 3.68   2015 - 2016

BEng (Hons) Electrical & Electronic Engineering (E&E)
Universiti Tunku Abdul Rahman (UTAR)
CGPA 3.69   2016 - 2020

Expertise ⚙️

Problem Solving

Excursion Handling

Data Analysis & Visualization

Coding & Automation

Lean Operation

Language 🈯

English   Mandarin

Malay   Japanese

ONG JIA YING (JY)
Test Process and Equipment Engineer

👤 Profile

As an experienced test process and equipment engineer, I specialize in validating, implementing, controlling, and optimizing test process framework to ensure the reliability and performance of complex system. Besides that, I also have expertise in data analytic and also passionate in coding.

💼 Work Experience

2020

Intel Technology Sdn. Bhd.

Grade 3 - Test Process and Equipment Engineer
- Deployed new test to achieve cost saving through reducing part consumption from rework with 80/20 rule technique.
- Promptly addressed excursions and production interruptions through RCCAPA and EMS/8D processes.

2022

Grade 5 - Test Process and Equipment Engineer
- Created scripts to automate graph plotting, data collection & output summarization.
- Analyzed data to develop predictive machine learning model which improved system test yield.

2024 – Now

Grade 6 - Module Engineer
- Involved in NPI (New product integration).
- Secured transfer certification to enable outsourced for selected products, achieving cost optimization while maintaining quality & compliance standards.
- Provided peer support on test debugging & data analysis, helping improve team productivity and confidence.

🎗️ Certificates

- Advanced Python Scripting (PSDC)
- Data Scientist - Basic, Intermediate & Advanced (PSDC)
- Microsoft Excel - Intermediate to Advanced (PSDC)
- Machine Learning A-Z: AI, Python & R. (Udemy)
- The Complete SQL Bootcamp: Go from Zero to Hero. (Udemy)
- Business Writing Skills for Operation Professional (Speakright Consultancy).
- Presenting to Influence (Speakright Consultancy).
- The Essentials of Finance and Accounting for Executives (PSDC)
- The Complete Full-Stack Web Development Bootcamp (Udemy) - In progress

Technical Software Tools

Microsoft 365 Applications (eg: Excel, Word & etc), Visual Studio Code,

Generative AI (eg: ChatGPT, Copilot & etc), Spyder & Jupyter Notebook, JMP, Power BI,

PostgreSQL, GitHub Desktop, MATLAB, MPLAB, CICON PLC, EDA, Bambu Lab, Free CAD

Programming Languages

Python, C/C++, HTML, CSS, Javascript, CMD, jsl script, SQL

Operating System

Window, MacOS & Ubuntu (Linux)

Measurement Equipment

Oscilloscope, DMM, RF Counter

Contact Me

Give me a Call: 0165506865   OR   Click this link to *WhatsApp me*.

References 📖

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INTEL / Module Engineering Manager

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I look forward to the opportunity to contribute and grow with your organization!
Thank you for your time.