

## Resume



### Personal Information

Name : Ong Tian Liew  
Gender : Male  
Age : 28  
Date of birth : 13-09-1994  
Nationality : Malaysian  
Race : Chinese  
Address : 15, jalan sinar mahkota 3  
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43200 cheras selangor  
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### Educational Qualifications

2022-present **Open University Malaysia**  
Master of Information Technology (part time)  
2014-2017 **Tunku Abdul Rahman University College, KL Main Campus**  
Bachelor of Science (Hons) Mechanical Engineering, CGPA 3.0  
2012-2014 **Tunku Abdul Rahman College, KL Main Campus**  
Diploma in Mechanical and Manufacturing Engineering, CGPA 3.07  
2011 **SPM**  
1A+, 1 A, 1A-, 1B+, 5B

### Academics Achievement

- Triz level 1
- CSWP – Certification of Solidworks Professional
- TARUC Prodex 2016 Gold Award (FYP Competition)

### Language Abilities

I am able to write and speak fluently in Bahasa Malaysia, English, Mandarin and Cantonese.

### **Additional skills**

- Programming language C++, Python 3.7, Java
- Microsoft Office System, ie. Microsoft Words, Excel, Power Point
- Matlab
- Solidworks (CSWP Solidworks Professional Certificate)
- Auto-CAD
- Autodesk Inventor
- PLC (programmable logic controller)
- Pneumatic system design
- Electrical wiring and circuit design
- Knowledge in ISO 9001
- Experience in ISO documentation and audit.

### **Working Experiences**

2015                      **E'Sign E & I Engineering Sdn Bhd (Internship Trainee)**

Jobscope:

- Gas piping installation and pressure testing
- Piping drawing (autoCad)
- Wiring and installation of control panel for piping system

2017-2021              **PMB Technology Berhad (Design Engineer)**

Jobscope:

- Research and design new product for company
- Improve the design of existing products (Aluminium scaffolding, aluminium ladder. etc)
- Design the product based on customer requirement.
- Sketch the 3D parts of the products and generate 2D fabrication drawing for production (Solidworks)
- Deal with supplier for the tooling and accessories needed for production of new products.
- Costing calculation of the new product.
- Simulation of the products. (Solidworks)
- Audit and documentation for certificate of the products
- Scaffolding tower drawing for construction site. (Solidworks)
- ISO9001 audit and documentation.
- Product certificate audit and testing. (MS1462, BS EN1004)

2021-Present

**Stream Industries Sdn Bhd (R&D Engineer)**

Jobscope:

- Research and design new product and system for company (Automated waste transport system)
- Improve the design of existing products (Automated waste transport system)
- Solve the site problem. (products related)
- Design the product based on customer requirement.
- Sketch the 3D parts of the products and generate 2D fabrication drawing for production (Solidworks)
- Deal with supplier for the tooling and accessories needed for production of new products.
- Costing calculation of the new product.
- Simulation of the products. (Solidworks)
- Testing of the product and system.
- ISO9001 audit and documentation.