

# TEH JINGWANG

MALAYSIAN 951215-07-5119 SINGLE

A creative individual, worked with others and sometimes lead small teams, striving to create something new and meaningful.



philiptehjw@gmail.com

012 - 524 1189

Georgetown, Penang, Malaysia

<https://github.com/JingwangTeh>

## EDUCATION BACKGROUND

JAN 2016 - JAN 2017 WAM: 88.88/100.00

### Bachelor of Computer Science - Software Engineering Major

University of Wollongong, Australia

- Graduated with Distinction (WAM of 75 and above).
- Awarded Dean's Merit List Prize for achieving a Weighted Average Mark (WAM) of 85 or above in 2016.
- Awarded Ross Nealon Prize for outstanding performance in the 2nd year of Bachelor of Computer Science degree in 2016.

JAN 2013 - MAR 2015 CGPA: 3.91/4.00

### Diploma in Information and Communication Technology (DICTN)

INTI International College Penang, Malaysia

- Graduated with Distinction (CGPA 3.5 and above).
- Awarded President's List (CGPA 4.0) for Outstanding Scholastic Achievement in Diploma in Information and Communication Technology during the April 2014 Session.

JAN 2011 - DEC 2012 9A/10 Subjects

### Sijil Pelajaran Malaysia (SPM)

SMJK Heng EE Pulau Pinang, Malaysia

JAN 2008 - DEC 2010 5A/10 Subjects

### Penilaian Menengah Rendah (PMR)

SMJK Heng EE Pulau Pinang, Malaysia

## MAJOR SUBJECTS TAKEN

Object and Generic Programming in C++ Object Oriented Programming  
Database Systems Algorithms and Data Structure  
Programming for Social Innovation Web Programming II Web Modelling  
Knowledge and Information Engineering IT Project Management  
Software Engineering Practices & Principles Digital Image Editing  
Software Development Methods & Tools System Analysis and Design  
Systems Development Fundamentals of Networking  
Fundamentals of Trustworthy Computing Human Computer Interaction

## PROJECTS COMPLETED

Developed a Website for Smartphone Meter Reading System that communicates with Parse (MongoDB) Database Server, displays Map with Google Map API, and renders graph with chartJS.

<https://github.com/JingwangTeh/MeterReadingSysWebsite>

Automatic Evaluation of Machine Translation Software (Google Translate, Bing Translate, Yandex Translate) using Metamorphic Testing, Round-Trip Translation (RTT), METEOR Evaluation Metric, and Precision-based Scoring on Results from Google Custom Search API, based on a 1000 Test Cases per Language.

<https://github.com/JingwangTeh/MetamorphicTestingMachineTranslation>

Series of Node.JS Projects that involves Node.JS, Twitter API, Google Map API, AngularJS, ExpressJS, Websocket, MongoDB, Mongoose, and Canvas.

<https://github.com/JingwangTeh/NodeJS343Projects>

A PHP website that provides Facet Filtering on a Data Collection, provides Server-side Keyword Search Auto-completion, and supports Administrative Operations (creation, update, delete) and Analytics through Operation Logging.

<https://github.com/JingwangTeh/FacetFilterWebsite>

Developed a Website for an Event Booking System that supports User Authentication, Event Creation and Management, and Event Booking, using PHP and the CakePHP Framework, which is based on the Model-View-Controller (MVC) Architectural Pattern.

<https://github.com/JingwangTeh/EventBookingWebsite214>

Implemented an Anime & Manga Ontology Model based on myanimelist.net in OWL Language Manchester Syntax using Protege and Testing the Ontology Model against the Reasoner and SPARQL Query.

<https://github.com/JingwangTeh/MyAnimeListOntology>

Implemented a Rail Transport System Ontology Model in OWL-RL+ using Fluent Editor and Testing the Ontology Model against the Reasoner in a Systematic Method.

<https://github.com/JingwangTeh/RailTransportSysOntology>

## SKILLS

### FRONT-END WEB

HTML CSS Bootstrap W3.CSS JavaScript JQuery AngularJS  
Node.JS AJAX

### BACK-END WEB

PHP CakePHP

### DATABASE

MySQL MongoDB XML XMLSchema XPath XQuery XSLT RDF  
SPARQL

### DATA MODELLING

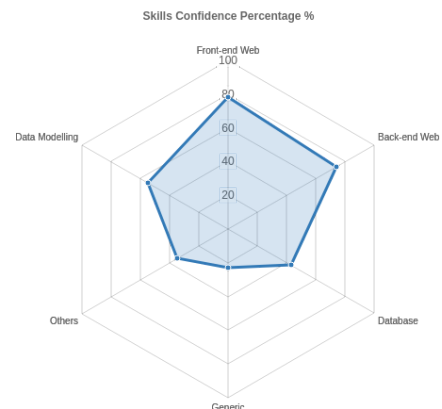
Rational Rose R Language Fluent Editor Protege

### GENERIC

C++ Java

### OTHERS

UI/UX Linux Project Management System Development  
Software Qualities and Principles



## Personality and Qualities

Architect Personality (INTJ, -A/-T) - 16personalities.com

Critical Thinking  
Creativity  
Hard-working  
Introversion  
Open-mindedness

## Languages

English (Fluent) Chinese (Intermediate) Malay (Basic)

## Interests

Exploring Concepts | Games | Music | Psychology | Reading | Running

# Work Experiences

## INTRADECO SDN BHD

JAN 2015 - MAR 2015 | IT Technician (Intern)

### Responsibilities

- Communicating and Teaching Users on Data Back Up.
- Windows Operating System, Driver, and Software Installation.
- Fedora Linux Installation, Configuration, and Troubleshooting.
- PC Disk-to-Disk, Disk-to-Image, Image-to-Disk Cloning via CloneZilla and Norton Ghost.
- PC Deployment, Troubleshooting, Auditing, Data Erasure, and PC Disposal.

Made using HTML, CSS, and JavaScript.

Source code can be found on <https://github.com/JingwangTeh/Resume>.

This resume can also be accessed on <https://jingwangteh.github.io/Resume/>.