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.

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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 Menegah Render (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　**Web Programming II**

Programming for Social Innovation　**Web Modelling**

Knowledge and Information Engineering

IT Project Management　**Digital Image Editing**

Fundamentals of Networking　**Systems Development**

Software Engineering Practices & Principles

Fundamentals of Trustworthy Computing

Software Development Methods & Tools

System Analysis and Design

Human Computer Interaction

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

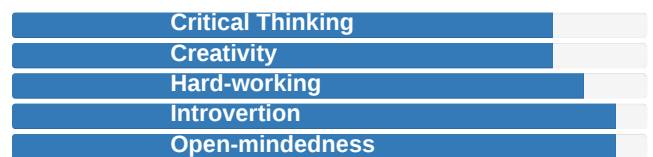**C++** **Java**

OTHERS

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

Skills Confidence Percentage %
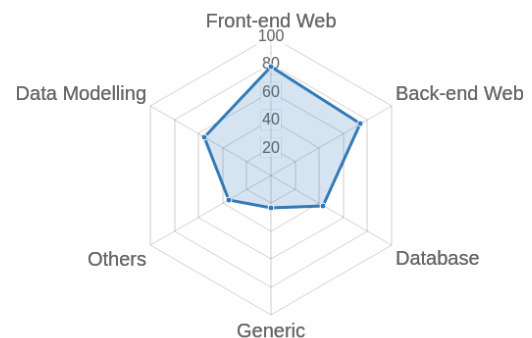
Personality and Qualities

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

| Critical Thinking |
| Creativity |
| Hard-working |
| Introvertion |
| 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.

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

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 Machines 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