



**LIN KAH KIAT**

Portfolio:

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## LANGUAGE PROFICIENCY

### English

Professional Working Proficiency

### Malay

Professional Working Proficiency

### Chinese

Native / Bilingual Proficiency

## SKILLS SUMMARY

### Programming:

- C#, Python, JavaScript, CSS, HTML, SQL, Oracle, RestApi, PLC

### Mechanical Design:

- AutoCAD, Catia

### Electrical & Electronics Design

- Multisim

### Machining:

- CNC Machine, Lathe Machine,

### Project Management:

- Custom Software Development
- Database Design
- Systems Engineering
- System Migrations/Integrations
- Enterprisewide Implementations
- Vision

### Skills for Data Analysts:

- OSEMN framework
- Supervised Learning - Regression
- Unsupervised Learning - K-means clustering
- NLP

## PROFILE

A System Engineer with 3 years experience in system integrate, web application, works with Backend as well as Frontend and customization. Skilled in RestApi, Asp.net, JavaScript, Html, CSS, C#. Possess a Bachelor's Degree in Mechatronic Engineer from University Malaysia Pahang (UMP) with the knowledge of Data Science. Seeking to leverage acquired academic knowledge and work experience to effectively fill the System Engineer/Data Engineer position.

## PROFESSIONAL EXPERIENCE

### FULL STACK ENGINEER

1 YRS (OCT 2021 – NOW)

#### OTS RETAIL GROUP

- Worked with the company to create REST API designs and develop API systems for their website.
- Pooling data from 10 multi-store database for reporting and analysis.
- Consistently communicated with the company's project manager to ensure the API system was meeting expectations.
- Developed an impressive system that helped the company integrate with other third party Accounting Software
- Automated the data entry process, turn Excel into a database-driven Web Application.

### SYSTEM ENGINEER

3 YRS (AUG 2018 – SEPT 2021)

#### CIMATION (M) SDN BHD (SYSTEM INTEGRATOR)

- Automated a manual system to track and trace all the process present in the plant by integrate sensors and smart devices.
- Integration of data coming from multiple systems (e.g. PLCs, ERP, SCADA, OEE, etc.)
- Developed a real-time monitoring of production lines and equipment. (e.g. OEE, etc.)
- Created different Web Application Reports for management, marketing and development department needs.
- Designed and developed a Defects Detect System via Vision & Robotic Arm.
- Developed front-end via HTML/HTML5/CSS/Javascript/Jquery
- Developed back-end via C# / MSSQL / ORACLE Database

### INDUSTRIAL TRAINEE

3 MTHS (JUN 2017 – SEPT 2017)

#### SONY EMCS MALAYSIA SDN. BHD. 43650 BANGI (R&D CENTER)

- Assist in performing testing and evaluation of new TV project.
- Conduct analysis on TV Backlighting System and make improvement on new TV model
- Support on Panel design investigation and troubleshooting.
- Participate in overall process for new Panel module making.

## EDUCATIONAL

### BACHELOR DEGREE OF ENGINEERING (HONS)

#### MECHATRONICS

(SEPT 2014 – JUN 2018)

Institute : University Malaysia Pahang, Pekan, Pahang

CGPA : 3.45 / 4.00

### SIJIL TERTINGGI PEPERIKSAAN MALAYSIA (STPM)

(MAY 2012 – DEC 2013)

Institute : Sekolah Menengah Kebangsaan Mantin, NS

GPA : 2.75

## LICENSES & CERTIFICATIONS

### DATA SCIENCE 360

- Data Science 360 is a complete data science course. It includes lessons from big data analysis to programming for data science.

### WEB DEVELOPMENT BOOTCAMP

- Master both front and back-end development. E.g. HTML, CSS, Javascript, Node, React