# LIN KAH KIAT

Portfolio:
**https://linkahkiat.github.io/**

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📍 **Negeri Sembilan, Malaysia**

## 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 and having Data Science knowledge and skills. Seeking to leverage acquired academic knowledge and work experience to effectively fill the System / Automation / AOI / Integration Engineer position.

## PROFESSIONAL EXPERIENCE

### SYSTEM ENGINEER                1 YRS (OCT 2021 – NOW)
**ONETWOSIX ENTERPRISE**
- 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.
- Developed Retail Management System (RMS) that to visualize and 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,
- Developed a real-time monitoring of production lines and equipment.
- 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.

**MAJOR PROJECT HANDLED:**
- **Visual Quality System (VQS)** : monitor and measure quality with immediate cost saving. Provide traceability e.g. finding root cause, responsible station, rework time. Integrate with external electronic device e.g. BCR, RFID, camera, smart sensor.
- **Smart Shop Floor System (SSF)**: Automated the shop floor operation from material inventory, processing, outsource, finished goods to enhance efficiency & reduce cost.
- **Machine Monitoring System (MMS):** Using of Vibration, Temperature and Current sensor to monitor the condition of motor in production line. Data will be captured and guard against abnormal condition periodically. Developed OEE Web UI Report
- **For more project details, please visit my portfolio**
  **https://linkahkiat.github.io/#works**

### 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 improve 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

### SIJIL TERTINGGI PEPERIKSAAN MALAYSIA (STPM)                        (MAY 2012 – DEC 2013)

## LICENSES & CERTIFICATIONS

**DATA SCIENCE 360**
- Data Science 360 is a complete data science course. It includes lessons of big data analysis / Machine Learning / Data Cleaning for data science.

**WEB DEVELOPMENT BOOTCAMP**
- Master front and back-end development. E.g. HTML, CSS, JavaScript, SQL, C#