

# LIOW SHAN YI

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**Portfolio:** <https://liowshanyi.website/>

**GitHub:** <https://github.com/syliow>

## EDUCATION

**Taylor's University**  
Bachelor of Computer Science

**March 2019 – August 2021**  
CGPA: 3.7

**College MDIS**  
Diploma in Information Technology

**April 2016 – November 2018**  
CGPA: 3.5

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, TypeScript, Python

**Frameworks and Database:** HTML, CSS (Tailwind CSS), React, React Native, ExpressJS, NodeJS, NextJS, MongoDB, Android Development

**Tools:** Git, Scrum Agile Methodologies, Postman

## WORK EXPERIENCE

**Full-Stack Developer, DM. Dasher**

**09/2021 – 05/2022**

- Responsible for transforming user requirements from user stories into efficient software solutions in close collaboration with team members.
- Created innovative Front-end UI designs through ReactJS and Material UI framework.
- Assisted the back-end development team in Creating & Maintaining RESTful APIs using ExpressJS and NodeJS to integrate with the MongoDB database.
- Worked closely with Tech Lead for an existing parcel tracking web application built with NextJS by conducting regular code reviews and Feature Implementation.
- Participated in project's software development life cycle through GitHub version control system and Agile Methodologies.

**Software Engineer Intern, Code for Asia**

**03/2021 – 08/2021**

- Contributed across the Full-stack Web Application in developing and rolling-out new features.
- Developed and implemented highly responsive user interface components using ReactJS.
- Created high-quality and dependable RESTful APIs to allow web functionality using ExpressJS and NodeJS.

## RELEVANT EXPERIENCE AND PROJECTS

**Pengin Club**

**2022**

- Designed a personal NFT collection based on penguins.
- Interacts with Smart Contract to Mint a brand new NFT on the Ethereum blockchain.
- NFT collection published on the world's largest NFT Marketplace.
- [Demo Website](#)

**CoinPengin**

**2022**

- Full-stack Web Application that provides Fundamental Analysis for the cryptocurrency market.
- Provides Technical Analysis for the retrieved cryptocurrency data in chart.
- [Demo Website](#)

**Petrosains Geotime Diorama**

**2021**

- Designed Two interactive games built with Unity and C# scripts.
- Promoted STEM Learning through interactive game based on Fossil Casting and Liquefaction to young students in Malaysia.

**WeDonate**

**2019**

- Created a Mobile Application prototype on Android with Java.
- Online Marketplace that allows users to donate their revenue to charity organizations.

**MDIS Cafeteria**

**2018**

- Developed a Food ordering prototype website to promote E-Menu and Online Food Ordering within Campus.

**Languages:** English, Chinese, Malay