

LOOI FANG YI

PROFILE

I wish to advance my programming concepts through developing real-world front-end applications. My only goal is to create a unique user experience while also emphasizing on its scalability and code documentation.

Looking for an opportunity to work at a dynamic IT organization where I can perform at my full potential.

CONTACT

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REFERENCES

Mr Sankara
IT Lecturer
Temasek Polytechnic
sankara@tp.edu.sg

EDUCATION

Diploma in Information Technology, Temasek Polytechnic
2019 - 2022

GCE 'O' Level, Queensway Secondary School
2015 - 2018

WORK EXPERIENCE

Data Visualization Dashboard Web Developer, TÜV SÜD
Apr 2022 – Jul 2022

- Configured IoT devices (namely motion, carbon dioxide, light, temperature, and humidity sensors) with Raspberry Pi
- Publish and subscribe sensor data to ThingsBoard via MQTT
- Visualize sensor data with Chart.js via WebSocket and ThingsBoard API

3D Visualization Web Developer, TÜV SÜD
Sep 2021 – Feb 2022

- Evaluated and rendered 3D models of different formats
- Animated camera movement upon object selection, with Three.js and GSAP for better user engagement
- Implemented CRUD Functionality for both internal and external users of the application

SKILLS

- Proficient in English, Chinese
- Microsoft Office, Visual Studio, Visual Studio Code, Android Studio
- Java, Javascript, Typescript, Python, C, HTML, CSS
- Node.js, Ionic, Angular, React, MongoDB, Firebase

ACHIEVEMENTS

2022 Achieved 1st place in HackSG 2022 Open Hack category
2021 Achieved 1st runner up in Huawei-TP AIoT Competition 2021