

# Shin Feng Wong

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## Skills

<b>Prog. Languages</b>	Python, Javascript, C++, C#, R
<b>Frameworks</b>	React, Express, Flask, Angular
<b>Databases</b>	MongoDB, MySQL, PostgreSQL
<b>Platforms</b>	Ubuntu, Docker, Kubernetes, Vercel
<b>Others:</b>	SAP ERP, Agile/Scrum Methodology
<b>Fluent Languages</b>	English, Mandarin, Japanese(N3)

## Experience

### Ernst & Young Solutions LLP | TECHNOLOGY SOLUTION DELIVERY INTERN

Aug 2022 – Apr 2023

- Supported the preparation of documents and oral presentations for project proposals in RFP contract bidding.
- Assisted in testing and amending configurations for SAP modules (e.g., Concur, FICO, RE-FX).
- Prepared walkthroughs to guide UAT users in testing deliverable SAP modules.
- Assisted Project Managers in monitoring project timelines, generating progress reports, etc.

### Venture Corporation Limited | PROCESS AUTOMATION INTERN

May 2021 – Aug 2021

- Collaborated with team to gather requirements and addressed follow-ups for a project to automate the collection of visitors' information upon entering the compound, reducing contact between visitors and security staff during the COVID lockdown.
- Filtered SAP weekly material management reports and developed scripts to automate data massaging and visualisation of key report details, saving staff hours of weekly effort.

### CapitaLand | ENTERPRISE SYSTEM MANAGEMENT INTERN

Mar 2019 – Aug 2019

- Supported the implementation of system configuration changes in the SAP RE-FX module and conducted user acceptance testing (UAT) with users, assisting them in adapt to the new changes.
- Managed learning resources and documentation on the corporate learning portal to ensure technical specifications were up to date, making it easier for staff to find solutions to system related issues.

## Projects

### Capstone Connect | SMART STUDENT-SUPERVISOR MATCHING FOR CAPSTONE PROJECT

Apr 2024 – Jul 2024

- Web application matching students to supervisors based on similarities between supervisors' research areas and students' project, to automate repetitive matching and reduce inconsistencies of manual matching.
- Applied tokenisation and Jaccard similarity to project/research area description dataset to produce scores, then matched using Gale-Shapley's or Hungarian algorithm.
- Responsive web frontend built on React, MongoDB, Express, Node.js

### Worksite Environmental Monitoring | INTERNET OF THINGS WORKSITE MONITORING

Sep 2021 – Apr 2022

- IoT worksite monitoring setup to monitor workers' working conditions, presented through a live dashboard built on .NET, React and Postgres.
- Sensors mounted on multiple Raspberry Pis capture sensor data from different locations on worksite, and publish through MQTT broker, received by subscriber machine writing into Postgres database.
- Bi-monthly progress demonstrations with industry partner. Final handover complete with full documentation.

## Education

### Singapore Institute of Technology | BACHELOR OF SCIENCE IN COMPUTING SCIENCE

Sep 2020 – Aug 2024

- Joint Degree with the University of Glasgow
- Worked with Industry Partner on Internet of Things industry project

### Ngee Ann Polytechnic | DIPLOMA IN INFORMATION TECHNOLOGY

Apr 2017 – May 2020

- Experience with DevOps principles. Development of a maze game with TDD ideology, automated testing and QA on Jenkins.
- Applied Agile/Scrum methodology in the development process of a Kotlin 'Thematic Classroom' application.
- Understanding of ERP Business Functions and Processes. Hands-on with SAP Material Management, Sales and Distribution modules.