

Shin Feng Wong

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Skills

Prog. Languages	Python, Typescript, Javascript, bash, C++, C#, R
Frameworks	React, Express, Flask, Angular
Databases	MongoDB, MySQL, PostgreSQL
Platforms	Ubuntu, Docker, Kubernetes, Vercel
Others:	SAP ERP, Agile/Scrum Methodology
Fluent Languages	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.