

# KWUNMING PANG (PETER)

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Melbourne, Australia

kwunmingpang.github.io

kwun-ming-pang-6443a0181

## EDUCATION

M.S. in Computer Science

The University of Melbourne

Jul 2023 – Present

Melbourne, Australia

B.S. in Computer Science

The University of Iowa

Aug 2015 – May 2019

Iowa City, United States

## EXPERIENCE

Senior Web Developer

ESDLife

July 2022 – Jun 2023

Hong Kong

**Tools:** Nest js, Node js, AWS, React, Next js, Java, Jasper report, Talend, Lerna, Rollup, rxjs, git, cicd, mariadb, maven, Elastic-search, Open-search

- Estimated the rough man day cost for the user's requirements. My supervisors were able to give a better man-day quotation
- Gave solutions to user's requirements that are efficient and easy to maintain

Web Developer

ESDLife

Jun 2021 – Jun 2022

Hong Kong

- Developed new reports and tuned the performance of the report generation; fulfilled user's requirement to receive their urgent report generations quicker by moving some resource consuming reports to a separate queue
- Implemented a customized JDBC driver for report generation as an innovative way to fulfill our client's requirement. This allowed our report generating engine (Jasper server) to extend the query scope to the search engines, elastic-search and open-search
- Designed and collaborated with other team members to deliver a form builder package (frontend with React), that was shared between several web apps, and a validation package, that was shared between frontend and backend

Software Engineer

Portalvision

Sep 2019 – Jun 2021

Hong Kong

**Tools:** HTML/CSS, Java, struts, Hibernate, JQuery, mssql, Angular

- Participated in the development and the integration of mobile apps and IoT, which allows our client to improve efficiencies by freeing their staff from some tedious tasks
- Communicated with clients about the details of requirements and delivered the product. This greatly improved my ability to communicate and take note better
- Maintained/ enhanced the current System, and developed new tailor made CRM/ HR Systems to clients

## LEADERSHIP

ESDLife:

- Guided and led junior and new colleges; familiarized them to the current code and tech stacks. As a result they were able to pick up the tasks quickly and started contributing.
- Took responsibility to maintain and enhance a side project branched from a main project; made the project to be easily maintainable. Created a common repository in the form of private packages, to allow the code sharing between main project and the side project
- Divided solutions into smaller accomplishable tasks, and assigned part of them to other team-mates

## SKILLS

**Languages:** English (Proficient), Japanese (N1), Mandarin (Native), Cantonese (Native)

**Programming languages:** Java, Kotlin, Javascript, Typescript, C/C++, SQL, Python

**Technical Skills:**

- Frameworks:** Spring boot, Struts, Next Js, Nest js, React, Angular
- Libraries & Tools:** Hibernate, Lerna, Rollup, rxjs, Jasper report, Elastic-search, Open-search, Talend, mariadb, mssql, Qiskit, sklearn, numpy, pandas
- Others:** AWS, git, cicd, Firebase, Tailwind, SCSS, HTML/CSS, Shell, latex

Hard-working

Communication

Time Management

Teamwork

Problem-Solving

Fast-Learner

Active Listener

## PERSONAL PROJECT

Flash card web app

**Tools:** Firebase, Angular, Tailwind, SCSS  
Built with modern technologies, this web app allows users to share and revise vocab lists across devices. This project allowed me to better study for my Japanese N1 level exam and I managed to pass the exam.

Portfolio site

**Tools:** Next js (SSG), MDX Remote  
Static site generated using Next SSG, content updated using markdown (MDX). Acts as an extension to my resume.