

# KWUNMING PANG (PETER)

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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 rough man day cost for user's requirements; allowed supervisor to issue accurate man-day quotation
- Gave efficient and easily maintainable solutions to user's requirements

Web Developer

ESDLife

Jun 2021 – Jun 2022

Hong Kong

- Developed new reports and tuned performance of report generation; fulfilled user's requirement to receive urgent generation quicker by moving some resource consuming reports to a separate queue
- Implemented customized JDBC driver for report generation as innovative way to fulfil client's requirement; allowed Jasper server to extend query scope to search engines, e.g. Elastic-search
- Designed and collaborated with other team members to deliver a form builder package (frontend with React) shared between distributed applications, and a validation package shared between clients and servers

Software Engineer

Portalvision

Sep 2019 – Jun 2021

Hong Kong

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

- Participated in development and integration of mobile client and IoT; allows clients to improve efficiencies by freeing manual labour
- Communicated with clients about the details of requirements; greatly improved communication skill and note taking ability
- Maintained/ enhanced current System; developed new tailor made CRM/ HR Systems

## LEADERSHIP

ESDLife

- Guided and led junior and new colleges; demonstrated current code and technical stacks; enable newcomers to pick up tasks quickly and started contributing
- Took responsibility to maintain and build up forked side project from main project; made project easily maintainable. Created common repository as private packages, to allow code sharing between two projects
- Divided solutions into smaller accomplish-able tasks; assigned and explain to team members

## 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

Teamwork

Time Management

Problem-Solving

Fast-Learner

Active Listener

## PERSONAL PROJECTS

Flash card application

**Tools:** Firebase, Angular, Tailwind, SCSS

Built with modern technologies; allows users to share and revise vocabulary lists across devices; enhanced studying for Japanese N1 level exam and managed to pass accordingly.

Portfolio site

**Tools:** Next js (SSG), MDX Remote

Static site generated using Next SSG, content updated using markdown (MDX); Acts as an extension to resume.