Chan Meng

Portfolio:// chanmeng.live

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EXPERIENCE

CORDE — *Application Developer*

Jun 2024 – Present | Hybrid | Internship

- Engineered a mobile application for efficient offline data capture and synchronization, enhancing field operations with features like text and photo uploads and GPS tracking.
- Integrated ArcGIS for real-time asset data visualization, significantly improving operational accuracy and efficiency.

Agrihire Solutions — *Web Developer*

May 2024 – Jun 2024 | Hybrid | Full-time

- Led the design and implementation of an online platform for agricultural machinery rentals, incorporating automated processes for orders, payments, and client communications.
- Developed a robust data model and user interface using HTML, CSS, JavaScript, and Python, resulting in a highly interactive and user-friendly experience.

Swimming Club — *Web Developer*

Mar 2024 – Apr 2024 | Hybrid | Full-time

- Developed a comprehensive management system for a community swimming club, streamlining membership and scheduling processes.
- Utilized SQL and advanced UI design to enhance system security and user engagement.

Various Educational Institutions — *Mathematics Teacher*

Aug 2016 – Mar 2023 | On-site | Full-time

- Delivered mathematics tutoring to junior and senior high school students, boosting their numerical skills and confidence.
- Provided counselling for university entrance examinations and physical education admission tests.
- Integrated IT tools to enhance educational practices and engaged in professional development training for faculty.

EDUCATION

Lincoln University (NZ) — *Master's Degree in Applied Computing*

- Developed comprehensive software solutions that emphasized team collaboration and advanced problem-solving, specializing in neural network technologies and database security.
- Mastered software engineering methodologies through practical projects, enhancing abilities in system design and data analysis.

Jiangsu Normal University — *Bachelor's Degree in Geography Science*

- Excelled in integrating technology with traditional geographic studies, achieving high proficiency in GIS applications and programming.
- Applied theoretical knowledge practically through extensive fieldwork, focusing on geospatial data analysis and cartographic skills.

SKILLS

FRONTEND DEVELOPMENT

FRAMEWORKS

ReactJS
Vue.js
Angular
NextJS
jQuery
ThreeJS

UI

TailwindCSS
Bootstrap
SASS
Native Base
React Native Elements

BACKEND DEVELOPMENT

NodeJS
ExpressJS
Flask

MOBILE DEVELOPMENT

React Native
Android Native
iOS Development

DATABASE MANAGEMENT

MongoDB
MySQL
SQLite

DESIGN & VISUALIZATION

Figma
Adobe Suite (After Effects, Premiere Pro, Audition)
Canva

WEB HOSTING & DEPLOYMENT

AWS Lightsail
GitHub Pages
PythonAnywhere
Vercel

LANGUAGES

English
Chinese
Cantonese
Japanese

COMMUNITIES

- Volunteer for Guilin Arts Festival 2023
- Volunteer for Cebu Charity Organization
- Active author in the Women in Tech group on douban.com