

Chan Meng

Full-Stack Developer

ChanMeng666@outlook.com | +642885235858

PORTFOLIO | LINKEDIN | GITHUB

EDUCATION

LINCOLN UNIVERSITY

APPLIED COMPUTING MASTERS

Nov 2023 - Dec 2024

New Zealand

JIANGSU NORMAL UNIVERSITY

GEOGRAPHY SCIENCE BACHELORS

Sep 2012 - Jun 2016

China

EXPERIENCE

BYTEDANCE | BACKEND DEVELOPER | REMOTE

Shanghai, China | Nov 2024 – Present

Completed 15 technical coding challenges, built microservices projects with SQL and data engineering focus, and collaborated on web services and system architecture implementations under ByteDance engineers' guidance.

FREEPERIOD | FULL-STACK DEVELOPER | REMOTE

Guangzhou, China | Nov 2024 – Present

Led development of web/mobile apps for smart vending platform while establishing engineering standards and building technical team.

CORDE | FULL-STACK DEVELOPER | HYBRID

Christchurch, New Zealand | Jun 2024 – Nov 2024

Experienced full-stack developer specializing in React Native and Android development, with proven expertise in building offline-capable mobile applications integrated with GIS technologies for enterprise-level data collection and management.

PROJECTS / OPEN-SOURCE

CORDE MOBILE APPLICATION | [LINK](#)

React Native, SQLite, Android Development

Developed a React Native mobile app for offline field data collection with GPS tracking and automated synchronization features.

FREE PERIOD WEBSITE | [LINK](#)

React, TypeScript, shadcn/ui

Developed a Next.js-based platform that connects users with sustainable menstrual care solutions through interactive maps and educational resources.

FRIENDSCOPE | [LINK](#)

Next.js, Tailwind CSS, Framer Motion

Developed a scientific friendship assessment web app with Next.js that leverages data visualization to analyze and improve interpersonal relationships.

AGRIHIRE SOLUTIONS | [LINK](#)

HTML, Python, Flask, MySQL

Developed a Flask-based agricultural equipment rental platform with integrated inventory management and multi-store booking functionalities.

CUSTOMER INSIGHT | [LINK](#)

Python, Natural Language Processing

Developed a Python-based customer review analysis platform with sentiment analysis and interactive visualizations to derive actionable business insights.

TENCENT MEETING VIDEO DOWNLOADER | [LINK](#)

JavaScript, Chrome Extension, Webpack

Developed a Chrome extension that automates Tencent Meeting recording downloads through video detection and secure command generation.

MINIMALIST GOOD POST | [LINK](#)

Three.js, CSS, MDX, Docusaurus

Built a modern blog platform with Docusaurus and Three.js, featuring interactive 3D visualizations and minimalist living content.

JOURNEY OF REINCARNATION | [LINK](#)

Visualization, Internationalization (i18n)

Developed a reincarnation simulation web app that enables users to explore diverse life circumstances globally with interactive features and visualizations.

INTERACTIVE STORY GENERATOR | [LINK](#)

Chat Bot, Gradio, AI Text Generator

Developed an AI-powered interactive storytelling platform using Python and Hugging Face that enables users to create customizable narratives through natural dialogue.

MNIST HANDWRITTEN DIGIT RECOGNITION | [LINK](#)

MLP Model, CNN Model, NumPy, Pandas

Implemented a MNIST digit recognition system using three neural networks, achieving 99.71% accuracy through optimized CNN architecture.

BODYFAT ESTIMATION MLP | [LINK](#)

TensorFlow, Keras, Deep Learning, Predictive Modeling

Developed a neural network model achieving 97% accuracy in body fat prediction using anthropometric measurements, with both full and reduced-input versions.

FEMTRACKER | [LINK](#)

Mobile App, Expo, Async Storage

Developed a mobile app for menstrual health tracking with real-time monitoring and smart notifications, enhancing period care safety through TypeScript and Expo integration.

CERTIFICATIONS

- Software Engineer Certificate - **HACKERRANK**
- Frontend Developer (React) Certificate - **HACKERRANK**
- SQL (Advanced) Certificate - **HACKERRANK**
- JavaScript (Intermediate) Certificate - **HACKERRANK**
- Rest API (Intermediate) Certificate - **HACKERRANK**
- Nodejs (Intermediate) Certificate - **HACKERRANK**
- Angular (Intermediate) Certificate - **HACKERRANK**
- Go (Intermediate) Certificate - **HACKERRANK**
- R (Intermediate) Certificate - **HACKERRANK**
- Career Essentials in Software Development - **MICROSOFT**
- Career Essentials in System Administration - **MICROSOFT**
- Career Essentials in Project Management - **MICROSOFT**
- Career Essentials in Cybersecurity - **MICROSOFT**
- Career Essentials in Data Analysis - **MICROSOFT**
- Career Essentials in GitHub Professional Certificate - **GITHUB**

HONORS & AWARDS

- Master of Applied Computing with Distinction, Lincoln University, New Zealand 2024
- Excellence Award Winner, FemTech China Women's Health Technology Challenge 2024