Gerald Liu

Software Engineer | Front End Developer | Full Stack Developer

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Location: Melbourne, VIC, Australia

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Portfolio: geraldliu-dev.netlify.app/

Recent software engineering graduate of General Assembly bootcamp with expertise and knowledge of software design, development, and testing. Experienced in creating web application using JavaScript, CSS, HTML and React.js. Previous project experience includes e-commerce website, instant messenger app, and web-based game.

H1 graduate of Master of Agricultural Sciences and upper second class graduate of Master of Information Management for Business, with 2 years of experience in running an agricultural trading business. Looking to utilise the broad educational background, technical skills, fast-learning capabilities, and analytical thinking to thrive as an entry-level software engineer.

SKILLS

- Language: JavaScript, TypeScript, HTML, CSS, Python
- Framework: React.js, Node.js, Tailwind CSS, Bootstrap, FramerMotion
- Database: Firebase, PostgreSQL, MongoDB
- Other: UI/UX design, CI/CD

EXPERIENCE

Freelance Software Developer

DEC 2022 - PRESENT

Project: Flag Quiz Game - Webpage Game

APR 2023 - countryflagquiz.netlify.app/
- Developed a web-based country flag quiz game, using JavaScript, React.js, Tailwind CSS and Firebase
- Designed user-friendly and aesthetically pleasing UI and UX
- Implemented responsive design
- Implemented hover and on-click effects to improve UX through micro-interactions
- Included reading and writing data on Firestore database
- Integrated API from flagpedia.net

Immersive Software Engineering Student

General Assembly

SEP 2022 - NOV 2022

Project: ChatUp! - Instant Messenger App

NOV 2022 - chatup-56.netlify.app/
- Developed an instant messenger app with JavaScript, Tailwind CSS and Firebase
- Imitated the UI of Discord

- Implemented full CRUD database manipulation through Firestore
- Incorporated a variety of React hooks: useState, useEffect, useRef, useContext, and useReducer
- Implemented a dark-mode switch control, hover and on-click effect to improve UX

Project: NTMY - E-commerce Store

OCT 2022 - Nov 2022 - butcherstorereactapp.fly.dev/
- Developed a full MERN stack butcher store web app using JavaScript, React-Bootstrap, React.js, Node.js, MongoDB, Express.js, and Stripe.API
- Implemented a variety of React-Bootstrap components, such as carousel, offcanvas, cards, and navbar
- Implemented responsive designs
- Implemented user authentication through Passport middleware
- Gained experience working as a group through GIT

Project: Tic-Tac-Toe - Webpage Game

SEP 2022 - genfengl.github.io/TicTacToe/
- Used HTML5, CSS and JavaScript to create the Tic-Tac-Toe game
- Used Document Object Model (DOM) manipulation
- Gained experience in conditional statements, loops and eventListeners
- Created a theme switcher with four theme choices and some blinking animations using vanilla CSS
- Used flexbox and grid to establish layouts

IT Support Specialist

Mayland Group Co Ltd

NOV 2018 - DEC 2020
Hong Kong SAR
- Use HTML and CSS to build email templates for communication with clients and within the company
- Provide technical support to clients and employees and resolve hardware and software issues

Summer Intern

EY

AUG 2016
Hong Kong SAR

EDUCATION

University of Melbourne – H1 First Class Honours

Master of Agricultural Sciences
2021 - 2022

University College London – 2:1 Upper Second Class Honours
Integrated Masters with Honours – Msci, Information Management for Business
2014 - 2018

LANGUAGE

English (Native or Bilingual)

Chinese: Mandarin and Cantonese (Native or Bilingual)