

ONG XING WEI

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SUMMARY

A hardworking Computer Science undergraduate who is eager to learn and possesses strong problem-solving and communication skills. Currently looking for an internship from 8th May 2023 – 20th Oct 2023.

WORK EXPERIENCE

Web Developer Intern

Zendodo, May 2022 – Aug 2022

- Zendodo is a startup specializing in DeFi and web development with the MERN stack.
- Developed multiple frontend components for the NFT-DeFi web app, Zendodo Party with ReactJS and Typescript.
- Optimized MongoDB API calls to reduce unnecessary database reads.
- Refactored codebase of older components to allow for reusable components.

SKILLS

Languages

Java • Python • JavaScript • TypeScript • HTML • CSS / SCSS • C • C++

Libraries, Frameworks, Tools

React • React Native • Express.js • Node.js • JUnit • Mocha • Chai • Docker • MongoDB • Firebase • Git/GitHub

EDUCATION

National University of Singapore, Aug 2020 – present

Bachelor of Computing (Honours) in Computer Science

- Expected Date of Graduation: Aug 2024
- Current CAP Score: 4.25/5.0

Relevant Coursework

- Software Engineering
- Data Structures and Algorithms
- Introduction to Computer Networks
- Introduction to Information Security

PROJECTS

PeerPrep – Collaborative Mock Interview Web App

- Built a web application using the MERN stack for users to practice their technical interviews collaboratively.
- Employed a microservices architecture and was deployed using Docker.
- Incorporated design patterns such as “Façade” and “MVC” together with the “Pub-Sub” messaging pattern.
- Implemented user authentication and authorization using JWT Tokens.

LESGO! – Activity Recommendation App

- Built a mobile application using React Native that helps groups of friends find and decide on activities.
- Developed an algorithm to recommend activities based on user preferences.
- Designed an intuitive user interface using Figma and React Native libraries.
- Integrated the backend and authentication with Firebase managing user details and preferences.

SportsPA – Sports CCA Management App

- Applied OOP concepts to create a Java app that helps manage administrative tasks of sports CCA leaders, complete with a user and developer guide.
- Incorporated design patterns such as “Command” and “Model View Controller” patterns.
- Developed a test suite for the project with JUnit.