

NG Tsz Tat (Echo)

Contact

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Skill

Programming Languages:
JavaScript, TypeScript, PHP,
Java, Python

Web Development:
Angular, React, Bootstrap,
Tailwind, RESTful API

Database Management:
MySQL

- Problem Solving
- Teamwork and Collaboration
- Strong Communication Skills

Highly motivated and results-driven Information Technology professional with a strong educational background and hands-on experience in web and mobile application development. Proven track record of academic excellence and a passion for creating innovative solutions. Proficient in a range of programming languages and technologies, with a focus on Angular, React, JavaScript, TypeScript, React Native, Bootstrap, Tailwind, RESTful API, and MySQL.

Experience

Master Dynamics Ltd

Position: Industrial Attachment

Duration: July 2021 - August 2021

- Collaborated with the development team to ensure smooth integration and a user-friendly interface.
- Gained hands-on experience in applying computer vision techniques and working with deep learning frameworks.

Projects:

1. Mobile Application for Object Detection

- Developed a mobile application for object detection using YOLOv4 and Android Studio.
- Implemented functionality to detect food items and display their nutrition labels.
- Integrated a feature to suggest suitable exercises based on the detected food items.

Education

BSc (Hons) Information Technology

University of the West of England

Duration: September 2022 - July 2023

- Graduated with First Class Honours.
- Developed a dynamic web application for managing Hong Kong market information using Angular, TypeScript, Bootstrap, RESTful API, and MySQL.
- Designed and implemented a user-friendly CRUD system, enabling efficient data manipulation and retrieval.
- Gained practical experience in database management and API integration.
- Created a mobile application using React Native for maintaining a food blog, demonstrating versatility in app development.

Higher Diploma in Software Engineering

Hong Kong Institute of Vocational Education

Duration: September 2020 - July 2022

- Graduated with a GPA of 3.33.
- Acquired comprehensive knowledge of software engineering principles and practices.
- Developed proficiency in various programming languages, software design, and development methodologies.
- Strengthened problem-solving skills through real-world programming challenges and projects.
- Collaborated with groupmate on group projects, fostering teamwork and communication skills.

Awards:

1. A.I. STEM Hackathon - Food Recognition Competition 2021

- Certificate of Achievement
- Champion of this program
- Organized by AI Gaspar Limited

2. IVE IT Discipline Graduation Project Exhibition 2022

- Outstanding Project Award
- Project: Mentalist AI Caregiver
- Organized by Vocational Training Council

3. FUTURE-READY TALENT INCUBATION PROGRAM 2022

- Best Report & Presentation Award
- Information Technology Discipline
- Organized by Vocational Training Council with the support of J.P. Morgan

Projects

Web Application: Personal Portfolio Website

Tools and Technologies:
React, JavaScript, Tailwind

- Created and maintained a personal portfolio website to showcase my projects, skills.
- Showcased completed projects, including detailed descriptions, screenshots.
- Used responsive design principles to ensure optimal viewing experience across various devices.

Web Application: Hong Kong Market Information CRUD System

Tools and Technologies:
Angular, TypeScript, Bootstrap, RESTful API, MySQL

- Developed of a web application for managing Hong Kong market information.
- Implemented a user-friendly front-end interface using Angular and Bootstrap.
- Used TypeScript for efficient and maintainable codebase.
- Designed and integrated RESTful APIs for data communication between front-end and back-end.
- Used MySQL database for data storage and search.
- Collaborated closely with team members, ensuring the successful delivery of a functional application.

Mobile Application: Food Blog Record

Tools and Technologies:
React Native

- Developed a mobile application for maintaining a food blog.
- Take advantage of the versatility React Native to create a cross-platform app for both iOS and Android.
- Designed an intuitive user interface, allowing users to easily record.