

# HOANG YEN DO

## TECHNICAL SKILLS

- Programming languages: Python, Javascripts, Java, SQL
- Web Technologies: HTML5/CSS3, Bootstrap, VueJS, NextJS, AJAX, NodeJS, ExpressJS, Restful API
- Cloud platform: Microsoft Azure
- Databases: MySQL, MongoDB
- UI/UX Design: Figma, Photoshop, Canva
- Tools & Platforms: Git, Visual Studio Code

## WORK EXPERIENCE

### Web Developer(Part-time) JUL 2025 - PRESENT

iN and iN Management Limited

- Developing AI robots and websites tailored to meet client specifications and project requirements.
- Collaborating with clients through email to gather requirements, provide updates, and deliver technical support.
- Researching and prototyped a simple AI chatbot for elderly users, exploring large language models (LLMs) and natural language processing (NLP) to enhance accessibility and communication.
- Developing and maintained web application features, implementing front-end interfaces and back-end functionality and design UI/UX interfaces.

### Research & Development Associate DEC 2023 - JAN 2024

PerformVE Limited

- Applied coding skills to design and develop complete assigned functions for the main website to meet user requirements with JavaScript, NodeJS
- Enhanced existing website to make it much charm and appealing by HTML and CSS and Bootstrap
- Analyzed user behavior based on their data to identify trends and actionable insights.

### Data Analyst (Part time) JUL 2022 - AUG 2023

Valkyrie Gems Beads

- Analyzed site traffic, user behavior, products by Wordpress Statistics and SEO Plugins of Wordpress and prepare dashboards to the company
- Analyzed customer lifetime value (CLV) to identify and prioritize high-value customers.
- Designed banners, posters and digital contents

## VOLUNTEER ACTIVITIES

### Head of Communications JUL 2022 - PRESENT

Vietnamese's Student Association in Hong Kong

- Managing fan page, handle media enquiry
- Designing poster, digital contents, flyers
- Assisting in organizing and promoting association events and activities to Vietnamese Students in Hong Kong

### Student Ambassador, Student JUL 2022 - JAN 2023

Representative and Speaker of Vietnamese Student

Hong Kong Baptist University



## CONTACT

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Tai Po, Hong Kong

[LinkedIn](#) [GitHub](#)

[My portfolio](#)

## EDUCATION

Bachelor of Science in  
Computer Science

HONG KONG BAPTIST UNIVERSITY  
GRADUATED

Relevant courses:

- Probability & Statistics
- Linear Algebra
- Operating System
- Database Management
- Data Structure
- Data Communication
- Data Analysis and Visualization
- Cybersecurity
- Software Engineering
- Human Computer Interaction
- Information System Management

## LANGUAGES

- Vietnamese (Native)
- English (Fluent)
- Cantonese (Basic)
- Mandarin (Basic)

## PROJECTS

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### 1. AI Chatbot For Nursing Home Support

The AI chatbot to be a friendly bestie for elderly residents in nursing homes. Using text-to-speech (TTS), face detection, and Zhipu AI, it offers companionship, answers questions, making daily life more engaging and supportive for seniors.

### 2.HKBU SA Career Fair Application

Developed a mobile app by SwiftUI featuring company booth details, personalized career recommendations via data, QR-based e-stamp engagement system, and location-based booth info for the annual Career Fair.

### 3.Mental Health Management Application

Developed a mental health management application in Android by React Native framework, featuring an intuitive interface designed to support users in managing mental health conditions through personalized activities based on emotional states.

### 4.Mass Email System

Mass email system for the HKBU Computer Science Department that provides a reliable and secure platform for managing large-scale email communications, streamlining processes such as drafting, approval, and recipient list management.

### 5.Equipment Rental Management System

Implemented a web-based equipment rental management system for the Faculty of Science, enabling efficient tracking of available and rented equipment, as well as managing rental records for faculty staff and students.

### 6.BLE Heart Rate Monitoring

A BLE-enabled iOS application to establish a reliable connection with the M5StickC Plus2, simulating a heart rate monitor using dummy data. The app displays real-time heart rate values and processes received control point data for IoT health monitoring applications.

### 7.Real-Time Soil Moisture Visualization

Integrated the M5StickC Plus2 with an Earth sensor to develop a practical IoT soil moisture monitoring system to demonstrate automated plant care and real-time data collection.

### 8.Road Traffic Accident Prediction In Lion Rock Tunnel

Apply Linear Regression model with features as accident types and target variable as total accidents to predict the number of accident in next 25 years.

## CERTIFICATES & HONOURS

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### 1. Academic Honours Dean's List :

- Semester 2, 2021-2022
- Semester 2, 2024-2025
- Semester 1, 2025-2026

2.Certificate of Merit awarded to the Vietnam Students' Association in Hong Kong for outstanding contributions to the Vietnamese community in Hong Kong and Macau in 2024.

3.Experience Design (Foundation) Certificate – Happyer