

Benjy Yeoh Wei Xiang

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Introduction

Passionate tech enthusiast with professional experience in **software engineering**, from **full-stack development** of internal systems to contributing to enterprise-level and R&D projects. **Detail-oriented** and adaptable, with a **strong learning mindset** and a drive to deliver impactful solutions. Ready to contribute to mutual growth.

WORK EXPERIENCE

Junior Software Engineer @ YNY Technology Sdn Bhd

Dec 2024 - Present

- Maintained and enhanced the **internal HR website**, covering design, development (frontend & backend), database, and requirement discussions with the product owner.
- Assisted in debugging and feature implementation for an **enterprise-level MES software** as part of a multi-country development team.
- Contributed to an **IoT R&D web app project**, primarily focusing on screen design and frontend development, while also supporting backend tasks when needed as part of a collaborative team.

K-Youth Trainee @ Umobile

Sep 2024 - Nov 2024

- Developed **internal apps** using Power Apps, Power Automate, and SharePoint Lists to streamline workflows.
- Created **interactive Power BI dashboards** to monitor departmental performance and employee efficiency.

Research Intern @ Kyushu Institute of Technology, Japan

Oct 2022 - Dec 2022

- Developed a **voice-controlled object detection system for blind assistance**, integrating AI models (YOLOv7, VOSK, OFA) with ROS and depth camera technologies.
- Presented research at **The 4th International Symposium on Neuromorphic AI Hardware**, showcasing findings in AI and machine vision.

EDUCATION

Universiti Tunku Abdul Rahman

Bachelor of Engineering in Mechatronics Engineering

June 2020 – May 2024

- Graduated with first class honors with full scholarship (CGPA: 3.78 / 4.00)
- Academic Achievements: President's list x4, Dean's list x2

ACADEMIC PROJECT & COMPETITION

UNITEN Hack@10 2023 - 2nd Runner Up

- Developed a **Naruto hand sign themed game** that integrated AI vision model.
- A game that can detect Naruto hand sign in sequence, cast Naruto spell when certain sequence is detected and cause damage to another player.

ViTrox Tech4Good Challenge 2023 - 2nd Runner Up

- Participated the challenge with the blind assistance system integrating multiple AI models.

SKILLS

- React | ASP.NET | MSSQL | ExpressJS | TailwindCSS | HTML/CSS | Javascript | Typescript | C# | Python
- Chinese (native) | English (fluent) | Malay (intermediate) | Japanese (basic)