

SOH WEI YU

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EDUCATION

Nanyang Polytechnic

April 2021 - April 2024

Diploma In Business and Financial Technology

Nanyang Polytechnic Foundation Program

April 2020 - April 2021

Diploma in Business Financial Technology

EXPERIENCE

Ernst and Young

May 2023 - September 2023

Software Engineer Intern

- Led AI research projects, successfully integrating new algorithms that improved system **efficiency by 20%**.
- Trained AI models to achieve up to **90% accuracy**, significantly enhancing predictive capabilities and automation efficiency.
- Developed and refined comprehensive front-end and back-end solutions using C#, resulting in **10-15% increase in user satisfaction and user engagement rate**.
- Conducted API testing and Integration (including Azure OpenAI, ChatGPT OpenAI, Microsoft Graph)
- Led the development and automation of multiple enterprise applications (using Power Apps and Power Automate), potentially achieving a **80% reduction in manual processing times** and a **30% boost in operational efficiency**.

National Youth Council

May 2023 - September 2023

Polytechnic Final Year Project

- Collaborated with the National Youth Council (NYC) to enhance processes through rigorous testing and debugging of an RPA project, resulting in a potential **efficiency improvement of at least 50%**.
- Developed and implemented automation flows to streamline processes, significantly **reducing manual intervention** and further enhancing system efficiency
- Ensured project readiness for deployment and met critical requirements by collaborating closely with the client. This involved **gathering user feedback, adapting solutions to meet client's needs**, and validating functionalities to ensure seamless integration and operational excellence.

PROJECTS

Revok - AI Powered PDF Extractor

- Application that integrates 4 AI models together for different use cases to efficiently extract information from PDFs, optimizing data retrieval processes.

EcoThreads - Mobile Marketplace Application

- Application for eco-friendly clothing transactions, featuring a Stripe API-integrated E-Wallet and AI-powered admin insights. Achieved a Top 5 ranking within my cohort

PocketStore - Mobile Loaning Application

- Application to facilitate mobile device loaning/purchasing with a Stripe API-integrated E-Wallet for secure transactions

GetGud - Online Coaching Marketplace

- Global game coaching service connecting learners with coaches, facilitating skill development through online bookings

Cognisance - Healthcare E-commerce Website

- E-commerce platform focused on health and wellness products, designed for easy access and purchase

Axiom - Automation Solution(RPA)

- Solution to automate repetitive tasks, significantly improving operational efficiency



CERTIFICATIONS

Google Foundation of UX Design - Cousea

- User experience design principles, user research, and interface design, focusing on creating user-centered digital products.

Certified Entry Level Python Programmer - OpenEDG Python Institute

- Proficiency in Python programming

Literacy In Artificial Intelligence - AI Singapore

- AI concepts, machine learning models, and ethical implications of AI technology

Certified Professional Scrum Developer - Scrum.org

- Agile and Scrum development methodologies, emphasizing collaborative software development and adaptive planning



AWARDS

Edusave Good Progress Award

- Top 10% in my cohort in terms of improvement

Edusave Merit Bursary Award

- Good performance and conduct in school coming among top 25% in my level and course

NYP iCodeiTell Competition 2021 Bronze Award

- Created a software solution aimed at enhancing the user experience of maps, making navigation more intuitive and user-friendly.

NYP iCodeiTell Competition 2020 Silver Award

- Created a software solution designed to streamline the process of hiring personal chefs, significantly enhancing the ease and efficiency of matching chefs with clients based on specific culinary preferences and requirements



SKILLS & INTERESTS

Skills : C#, Javascript, Nodejs, Python, Flask, MySQL, Ionic, Angular, Firebase, UI-Path, Microsoft Power Apps, Microsoft Power Automate, UI/UX Design, Figma, HTML, CSS

Interest : Browsing UI Mockups, Discovering new technologies, Badminton and Basketball