

# 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**.
  - **Achieve 50% API testing and integration coverage**(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**  
Partnership with National Youth Council
- 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 by 50%**, 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. Resulting in **90% success rate in deployment readiness**

## 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 - Coursera**

- 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