

Umi Wang 王海慧

National Central University (Taiwan)

Master's degree of Computer Science and Information Engineering

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I am Hai Hui Wang (Umi), my goal is to obtain permanent residency in Japan.

I have 5+ yrs. experiences on **managing the end-to-end software development process**. From requirements gathering and assessment to system and database design, implementation, testing, data integration, and UI/UX design.

With a focus on clients communication and careful evaluation of project needs, I ensured the creation of scalable, user-friendly solutions.

Responsibilities included overseeing database construction, system development, and testing to ensure stability and reliability.

My diverse experience and commitment to excellence position me well for impactful contributions in future roles.

Key Skills

Certification	◆ Microsoft MCSA
Backend Programming	◆ ASP.NET ◆ C# ◆ Java ◆ Python ◆ Android
Frontend Development	◆ HTML ◆ JavaScript ◆ CSS ◆ Bootstrap ◆ jQuery
Database	◆ MS SQL ◆ MySQL ◆ Oracle
Language	◆ Chinese - Native
	◆ English - Toeic: 750 (July 2011) Lived in English-speaking country for 6 years - JLPT N2 (July 2023)
	◆ Japanese - JLPT N3 (July 2023)

Work Experience

2024/07 ~ Now

JASM (Full-time Employee)



AMHS Software Engineer

- Responsible for keeping transfer KPI within Spec. Work with various departments and adjust system setting.
- ◆ Oracle SQL

2023/11 ~ 2024/06 (8-mths)

Beyondsoft Japan (Independent Contractor)



Software Engineer

- Responsible for the specification design part in the software development process, which includes detailing the system's internal structure, functional modules, data flow, and other specifics.
- Utilizes Excel as a tool to record specifications and design documents, **which includes External Design, Internal Design Detailed Design**, and conducts preliminary testing.
- ◆ Java ◆ MS Excel

2017/09 ~ 2023/03 (5-yrs 6-mths)

Wistron (Full-time Employee)

wistron

Technical Supervisor (2021~2023)

Letter of Recommendation



Full-Stack System Engineer (2017~2020)

- This position mainly covers the digital transformation of other Department's requirements under Sustainability Office, from demand interview to system developing.

ESG Digitalization:

which is a system that helps with uploading, reviewing, KPI algorithm calculations, reports and notices on the ESG related data of all Wistron sites around the world.

- Design & Develop the system structure allowing ESG users to manipulate nested ESG formula that can be modified in a monthly manner.
 - Optimizes the original approval process with reject and re-signing options.
 - **Overall, reduces manpower on data collection and calculation from 19.8 MD/mth to 1.4 MD/mth.**
 - Developed auto-report generator based on yearly ESG report, **which originally costs 11.5 MD/mth.**
 - Design and develop the ESG DMA(Disclosure and Management Approach) which warns responsible person through reports and provide functions for recording root causes and action plans. **This reduces 105 MD/mth.**
 - Design and develop the Certification Management System, to keep track of status on all sites, **reduces manpower from 300 MD/mth to 12 MD/mth.**
 - Optimizes the original algorithm for formula calculation **from total time > 3hrs to < 1hr.**
- ◆ ASP.NET ◆ C# ◆ MS SQL ◆ HTML ◆ JavaScript ◆ CSS ◆ Bootstrap ◆ jQuery

CoPQ Digitalization:

Analyzes Cost of Poor Quality of Wistron by using Power BI.

- Study & re-design the existing report on CoPQ, **improving data completeness from 8.9% to 100%, reducing manpower from 8 MD/mth to 0.5 MD/mth.**
- ◆ Power BI ◆ Oracle MySQL

Academic Background

2015/09 ~ 2017/06

National Central University

- ◆ **Master's degree of Computer Science and Information Engineering**
- ◆ Thesis: An On-line Courses Recommendation System based on Industry Occupation Skill Requirements **(Developed with python)**



2011/09 ~ 2015/01

Aletheia University

- ◆ **Bachelor's degree of Computer Science and Information Engineering**
- ◆ Thesis: A new Remote Desktop Approach with Mobile Devices: Design and Implementation **(Developed with Java and Android)**
- ◆ **Obtained 1st place in class throughout all semesters**



2011/09 ~ 2015/01

The Settlers High School (South Africa)

- ◆ **Graduated as Top 15 of the grade.**
- ◆ Founder as well as Chairperson of Anime Society.