

Vincent(HungFang) Chen

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<https://rederice.github.io/portfolio>

Education

Master of User Experience (Human-Computer Interaction)

May 2025

Arizona State University, Tempe, Arizona

Bachelor of Computer Science and information Engineering

June 2019

National Taiwan University, Taipei, Taiwan

Work Experience

UX Engineer Intern, Sanhua Automotive Inc.

June 2024 – Aug 2024

- Collaborated with sales teams and key stakeholders to design a closed-loop management system and implemented a React frontend, boosting operational efficiency by 20%.
- Collected user data to create comprehensive product documentation, wireframes, and prototypes that improved stakeholder satisfaction by 25%.
- Iterated design elements based on client feedback and vendor database inputs, ensuring the system met evolving requirements and reducing design approval time by 40%.

Product Manager, Infortrend Technology Inc.

March 2021 – March 2022

- Introduced a cutting-edge Scale-Out NAS solution, which enhanced the file system deployment of the GS product line, benefiting entrepreneurs' IT infrastructures across 5 continents.
- Addressed 30+ customer system dissatisfactions, effectively conceiving essential functionalities through competitive analysis and prototype design within the administration panel.
- Collaborated seamlessly with 10+ internal departments to oversee production progress and address UI/UX issues throughout the entire product lifecycle, from design to post-sale.

Software Engineer, RiChi Technology Inc.

January 2020 – February 2021

- Architected comprehensive MVC full-stack structure for Geographic Information Systems (GIS) projects for government sectors and bank institutions for over 20000 users.
- Executed over 4 diverse frameworks, including Vue.js, WebAPI, and implemented system synchronization and load balancing on production servers.

Engineer Intern, National Center for High-performance Computing

July 2017 – December 2017

- Developed a private blockchain-based certificate/diploma validation platform for 3 collaborative schools in Taichung City, facilitating efficient e-certificate issuance for the city government.
- Crafted an Android QR code scanning application enabling companies to validate certificates, propelling our team to become a Finalist in *International ICT Innovative Services Awards 2017*.

Publication

An Investigation of Cyber Autonomy on Government Websites, The WWW Conference 2019

- Conducted year-long data mining research on 3 aspects of cyber autonomy statistics, contributing government policy insights and cybersecurity recommendations to the publication.

Skills

Design Skills: Wireframing, Prototyping, Poster/Brand Design (Figma, Adobe Creative Cloud)

Research: User Research, Usability Testing, Competitive Analysis, Task Analysis, Heuristic Evaluation

Programming Language: Vue.js, React.js, Node.js, JavaScript, jQuery, TypeScript, Express.js, HTML, CSS, TailwindCSS, SCSS, C#, ASP.NET, SQL, MongoDB, PostgreSQL, C++, C, Python, Django, Java