CHEN, HUNG-FANG

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https://rederice.github.io/portfolio

Education

Master of User Experience   Expected Graduation: May 2025
Arizona State University, Tempe, Arizona
Bachelor of Computer Science and information Engineering   June 2019
National Taiwan University, Taipei, Taiwan

Work Experience

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
- Contributed to 5 interactive digital map modules under "Public Decision Making Map System", leading to the project wining 2nd prize in *Cloud Computing & IoT Innovative Award*
- Executed diverse frameworks, including Vue.js for frontend, WebAPI for backend, 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 2 collaborative schools in Taichung City, facilitating efficient e-certificate issuance for 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*
- Delivered a presentation showcasing the implementation of smart contracts and distributed database technology using Swarm and IPFS to the Taichung City government

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
- Designed an interactive demonstration website to present comprehensive findings on website vulnerabilities among G7 governments at The WWW Conference 2019
- Presented the robustness of our qualitative research at the 2019 Annual CSIE Project Research Exhibition, securing both the Excellence Award from Appier Inc. and QNAP Systems Inc.

Skills

Design Skills: Wireframing (Figma, Adobe XD), Prototyping, Poster Design, Usability Study
Communication/Planning: Coordination, Product planning, Feasibility study, Competitive analysis
Programming Language: Vue.js, Node.js, HTML, CSS, C#(ASP.NET), SQL, C++, C, Python, Java, Solidity