

Industrial Designer/
Design Researcher/
Master of Design for Health/
Master of Science for Industrial design

📍 Kaohsiung, Taiwan

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Der Shuan Hwu, MSc

Summary

I am a versatile, innovative, and resourceful industrial designer from Taiwan. With a background and knowledge in design research, UX design, and health design, I have a passion to solutions to challenges across different design sectors.

Skills

- UX Design & Research
- Consumer Product Design & Development
- Prototyping & Testing
- System design Thinking
- Complex Problem Solving
- 3D modeling and rendering(Keyshot)
- Adobe Creative suite (Photoshop/illustrator/ Indesign/Adobe XD)

Achievements

Top 4 Award, Asian Development Bank Datathon | 2021

- Developed a second-hand appliance-sharing platform(phone application) to reduce E-waste and environmental sustainability.
- Mainly responsible for building user journey map, wireframing and prototyping design outcomes.

Experience

Graphic Designer(contract) | Canada Red cross, Toronto, Canada | Feb. 2023 - Current

- Synthesizing data and data visualization.
- Building information architecture

Graphic Designer(volunteer) DESIGNWith, Toronto, Canada | Dec 2022~Current

- Developed branding guidelines, design language, and document archives for cross-disciplinary experimental projects in support of a more socially innovative circular economy.

Project Assistant | National Cheng Kung University, College of Planning & Design, Taiwan | Aug 2017 – Jul 2018

- Supported planning and managing of educational programs in collaboration with faculty, students, and support staff.
- Acted as the central facilitator, planning, scheduling, and hosting student workshops utilizing organizational skills, attention to detail, and communication skills.

Industrial Designer | Tsann Kuen Magic Lab Company Ltd., Taiwan | Jan 2016 – Jul 2017

- Mainly responsible for helping clients renewing product appearances from ideation with sketches to final 3D rendering display.
- Led and managed usability test, bi-weekly.

Education

Master of Design, Design for Health, OCAD University | Toronto, ON | 2022

Master of Science, Industrial Design, National Cheng Kung University | Taiwan | 2016

Bachelor of Industrial Design, National Kaohsiung Normal University | Taiwan | 2012

Selected projects

Wayfinding Research Project for visual impaired community

- Increased the accessibility of hospitality industry for visual impairments with a tactile icon system tool.

HyperTrack Project for a home blood pressure monitor application

- Cooperated with a Toronto-based medical center for reducing false readings, while users using blood pressure cuffs in the home-set environment.
- Transformed research results(based on previous phases) into tangible design features with design thinking process.

Forest Box-multi-sensory exhibition design

- Built virtual multi-sensory exhibition with Art Gallery of Ontario.
- Transformed 2D artwork into multi-sensory elements such as, audio description and tactile version of artwork.

Re-Branding for Japanese client

Expanded the products SKU number and market share for client by defining design guideline and new design language.

E-Probe Project

- Based on demands from project manager, upgrading the new market opportunity from the general level to high-end products, redesigned the appearance and the framework of thermo-probe to improve the accuracy of temperature measuring and users experience by adding human-centered thoughts, such as color coding for easy reading the heating status.

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Der Shuan Hwu, MSc

Summary

來自台灣的工業設計師，並於加拿大工讀碩士學位。憑藉對設計研究、使用者體驗設計，以及製造流程的背景和知識，我熱衷於解決設計領域的挑戰。

Skills

- UX Design & Research
- Consumer Product Design & Development
- Prototyping & Testing
- System design Thinking
- Complex Problem Solving
- 3D modeling and rendering(Keyshot)
- Adobe Creative suite (Photoshop/illustrator/ Indesign/Adobe XD)

Achievements

Top 4 Award,

亞洲發展銀行，前瞻智慧城市發展黑客松 | 2021

- 概念開發：以二手家電租用平台，促進東南地區區域的循環經濟與勇需發展

Experience

平面設計師 (接案) | Canada Red Cross | 多倫多 / 加拿大 | Feb. 2023~(Current)

- 協助整合與視覺化研究資料
- 協助建構資訊架構

平面設計師 (志工) | DESIGNWith | 多倫多 / 加拿大 | Dec 2022~(Current)

- 協助制定品牌發展指南與建檔

計劃案助理 | 國立成功大學 - 規劃與設計學院 | 台灣 | Aug 2017 – Jul 2018

- 與教職員工、學生和支援人員合作，支持教育計劃的規劃和設計。
- 協助，計畫與安排國際工作坊。

工業設計師 | 燦坤先端智能 | Taiwan | Jan 2016 – Jul 2017

- 負責客戶制定品牌設計方針，外觀更新設計與提案製作
- 協助主管代領團隊執行使用性測試，並規劃測試實驗架構與流程
- 跨團隊溝通

Education

健康設計碩士 (MDes) | OCAD University | Toronto, ON | 2022

工業設計碩士 (MSc) | 國立成功大學 | Taiwan | 2016

工業設計學士 | 國立高師師範大學 | Taiwan | 2012

Selected projects

Wayfinding Research Project for visual impaired community

設計系統性觸覺回饋識別系統，協助與增加視障人員在公共空間與住宿空間之無障礙通用性

HyperTrack Project for a home blood pressure monitor application

與多倫多當地醫學中心合作，研究與設計行動應用裝置來協助三高病患於自家測量血壓。並透過轉換研究成果於使用者功能，來降低地數值錯誤解讀，以達到拜訪急診之目的。

Forest Box-multi-sensory exhibition design

與多倫多市立美術館合作，籌畫與設計多元感官展覽，來增加藝術作品之無障礙通用性；同時透過歷史文本調查與創意發想將2D畫作轉換成3D物件。

Re-Branding for Japanese client

協助日籍客戶重新建立品牌風格與形象，並設計開發相關家電。

E-Probe Project

對電源供應感溫棒進行架構重整，與使用者經驗研究，並重新設計發外觀。