Li-Yen Huang

MS Student in the School of Information at the University of Texas at Austin

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Austin, TX

EXPERIENCE

Aurismart, Taipei, Taiwan

Software Engineer (Focused on UX Design)

February 2023 - June 2023

- Designed wearable device interface tailored to people who are deaf or hearing-impaired.
- Redesigned and developed the website to showcase the company's strengths and product features for stakeholders.

Syntec Technology Co., Ltd., Hsinchu, Taiwan

Senior Research Developer – Motion Planning Team

January 2021 - December 2021

- Collaborated with product engineers and software architects and offered comprehensive solutions for both parties.
- Increased robustness to software for CNC machines via spotting and analyzing solutions for various bugs.

Syntec Technology Co., Ltd., Hsinchu, Taiwan

Senior Product Engineer – CAD/CAM Team

June 2019 - December 2020

- Conducted competitive analysis and interviews with clients to define product requirements and roadmaps.
- Developed a turn-milling Computer-Aided Design and Manufacturing (CAD/CAM) system from the ground up.
- Designed a user flow to produce tool paths for turn-milling machines.

Syntec Technology Co., Ltd., Hsinchu, Taiwan

Product Engineer – Laser Marking Team

June 2016 - May 2019

- Designed and developed a user interface for laser marking CAD/CAM software on both PCs and embedded systems.
- Created a new algorithm to eliminate the workspace limitations of a laser marking system.
- Tested the software performance to ensure the product operated correctly without interruption.

EDUCATION

University of Texas at Austin
August 2023 - Present
Master of Science in Information Studies

National Taiwan University
September 2008 - January 2014
Bachelor of Science in Mechanical Engineering
(GPA: 89.37/100)

SKILLS

Interaction Design
Usability Testing
Accessible Design
Prototyping
Wireframe
Figma
HTML · CSS · JavaScript
SolidWorks
AutoCAD
Python · C# · C++

Awards

First Prize, Best Conference Paper Award
June 2014
International Conference on Advanced Robotics and Intelligent Systems

LANGUAGES

Chinese (Native)
English (Proficient)