

Ho Ching-Ru

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SUMMARY

I am Ho Ching-Ru, a software engineer with a strong focus on integrating technology and design, particularly in the development of creative tools. With extensive experience in various programming languages and tools, I am dedicated to crafting innovative solutions and tackling complex challenges. My goal is to bridge the gap between technology and the humanities, leveraging intuitive design, rigorous research, and a keen aesthetic sense.

EXPERIENCE

Software Engineer

justfont · Full-time

May 2022 - Present, Taipei, Taiwan

- Enhanced design tools and processes by collaborating closely with typeface designers, understanding their ideas, needs, and challenges, and ensuring their creative visions were fully realized in the final products.
- Streamlined the typeface creation process by developing several plugins for Glyphs, a font-making software. This initiative significantly accelerated the design workflow, enhancing productivity and accuracy.
- Designed and implemented a Font Manager for subscription plans targeted at business clients, improving user experience through seamless integration and efficient font management.
- Leveraged AI and machine learning models to generate typeface prototypes from drafts, enabling early visualization of font concepts, reducing iterative design time, and allowing designers to focus more on creativity.
- Ensured high-quality standards in font engineering by verifying compatibility and performance across different platforms and applications.

Blockchain Developer

Sakaba · Contractor

February 2023 - October 2023, Remote

- Conceptualized and implemented new blockchain-based solutions, integrating them into existing business models to enhance operational efficiency and transparency.
 - Designed and constructed strategic partnerships with investors and corporate collaborators, fostering relationships that led to successful funding rounds and joint ventures.
 - Participated in industry conferences and workshops, staying abreast of the latest technological advancements and contributing to the broader blockchain community through thought leadership and knowledge sharing.
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EDUCATION

Master of Science in Data Science

National Taiwan University & Academia Sinica · Taipei, Taiwan · 2022 · 4.10/4.30

- Thesis Topic: Training Graph Neural Networks via Self-Supervised Learning: Experiments and Analysis
- Explore and design methods of self-supervised learning for training graph neural networks (GNNs) on molecular and bioinformatics datasets in different experimental settings. Provide explanations based on outcome analysis.

Bachelor of Arts in Economics

National Taiwan University · Taipei, Taiwan · 2019
