

# Yu-Chen(Cindy), Liu



[yuchen-land.github.io](https://github.com/yuchen-land)



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A proactive and curious software engineer with a passion for building products that simplify life. I thrive in dynamic teams, enjoy turning complex ideas into reality, and am always ready to bring positive energy and fresh perspectives to every project.

## Work Experience

### Software Engineer, CyberLink

10/2024 - Present

- Built core features for **MyEdit** and MyEdit Biz, CyberLink's flagship platforms, delivering SEO-optimized landing pages and AI-powered editing tools.
- Established a reusable UI component library using React to maintain UI/UX consistency and speed up development across complex editing workflows.
- Automated BI reporting pipelines by integrating Google Analytics and multi-source APIs, reducing marketing analysis time by 86% and increasing data processing efficiency by 97%.
- Collaborated with cross-functional teams (PMs, Designers, and QAs) to translate product requirements into technical specs, consistently meeting deadlines and achieving outstanding MBO reviews.

### Software Quality Assurance Intern, MOXA

07/2023 - 09/2023

- Developed a Python-based automated testing tool for cross-platform (x86/ARM) embedded systems, reducing manual testing effort and improving hardware validation coverage.
- Performed comprehensive system-level testing across various OS environments, identifying edge cases and ensuring high system stability before release.

### Research Assistant, National Center for High-Performance Computing

05/2023 - 02/2024

- Analyzed emerging network architectures (5G/6G) and MEC frameworks, evaluating their potential for high-bandwidth and low-latency applications in edge computing environments.
- Evaluated the integration of complex systems, such as LEO satellite communications, focusing on technical feasibility and network architecture optimizations.

### Web Programming Course Teaching Assistant, National Central University

03/2023 - 06/2023

## Education

### National Central University, Master's Degree

09/2022 - 07/2024

Information Management

3.97/4.30 GPA

### National Taiwan Normal University, Bachelor's Degree

09/2018 - 07/2022

Technology Application and Human Resource Development

3.97/4.30 GPA

## Skills

- Programming Languages** C, C++, Python, C#, JavaScript, TypeScript
- Frontend Development** React, Next.js, Tailwind CSS, HTML/CSS, Figma
- Development Tools** Git, Docker, Linux, Arduino IDE
- Design & Multimedia** Photoshop, Illustrator, Autodesk 3ds Max, Unity
- AI-Driven Tools** Claude Code, GitHub Copilot, Gemini Pro

## Projects

### MyEdit

React | JavaScript | HTML/CSS | Figma | UI/UX

- Developed core features for MyEdit's multi-media editing suite, across flagship tools such as **AI Model Lab**, **Magic Designer**, and **Video Editor**. Focused on building high-performance, React-based interfaces for complex creative workflows.
- Engineered automated BI data pipelines to consolidate GA and multi-source APIs, slashing analysis time by 86% and minimizing discrepancies by 96%. Presented weekly performance analytics to leadership to guide data-driven SEO and marketing decisions.
- Streamlined **cross-functional collaboration** with RD, SEO, QA, and Design teams, significantly reducing turnaround time for new features and ensuring on-time project delivery.

### Holly World : Modern E-commerce Platform

Next.js | React | TypeScript | Tailwind CSS | Supabase

- Developed a full-stack rental platform managing 5,000+ items, building a custom admin dashboard with batch image processing that **cut manual inventory entry time by 60%**.
- Built a component-based frontend with state caching and validation, utilizing Supabase to streamline database management and **reduce maintenance efforts by 40%**.
- Developed REST APIs with JWT authentication, and configured GitHub Actions to **automate CI/CD, cutting deployment time by 80%** and preventing production bugs via automated testing and type-checking.