

Yu-Chen(Cindy), Liu



yuchen-land.github.io



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Highly efficient Front-End Engineer specializing in React.js and TypeScript. Drives performance optimization and robust code quality across large-scale projects. Leverages modern tools, including AI, to accelerate development velocity and enhance problem-solving efficiency. Proven collaborative skills in fast-paced, dynamic team environments.

Work Experience

- **Front End Engineer, CyberLink** 10/2024 - Present
- Engineered and delivered high-impact, large-scale core features for MyEdit, CyberLink's core flagship editing product, including high-traffic SEO optimized homepages and Editor AI tools.
 - Deeply leveraged React.js and JavaScript (JS) to architect scalable UI components, focusing on optimizing component performance and ensuring intuitive UI/UX design across complex workflows.
 - Integrated GA and multi-source data via APIs to streamline business intelligence (BI) reporting and automate key workflows, successfully cutting marketing analysis time by 86% and boosting reporting efficiency >97%.
 - Implemented strict coding standards and enhanced codebase quality by leveraging ESLint and Prettier for static analysis, ensuring code consistency and reducing potential bugs.
 - Orchestrated seamless cross-functional collaboration (RD, PMs, QA, Designers), achieving excellent MBO reviews and ensuring precise, on-time project delivery.
- **Software Quality Assurance Intern, MOXA** 07/2023 - 08/2023
- Developed an automated QA tool using Python for embedded systems, demonstrating strong automation skills.
 - Conducted system-level validation across multiple OS environments, reinforcing attention to detail.
- **Research Assistant, National Center for High-Performance Computing** 05/2023 - 02/2024
- Spearheaded research on Multi-access Edge Computing (MEC) and advanced network architectures (5G/6G), demonstrating a passion for emerging technologies.
 - Analyzed the integration of complex systems (e.g., LEO satcom), showcasing advanced analytical and problem-solving skills.
- **Web Programming Course Teaching Assistant, National Central University** 03/2023 - 06/2023
- Assisted professors and mentored students on core Web Programming concepts, enhancing communication skills.
- **Front End Developer Intern, CAI-YO ENTERPRISE CO., LTD** 03/2020 - 09/2021
- Gained foundational 1.5 years of practical front-end development experience, focusing on UI/UX implementation and basic API integration.

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

- Frontend Development
 - Programming Languages
 - Development Tools
 - AI/Productivity Tools
- React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS
C, C++, Python, Node.js
Webpack, Babel, Git, Docker, CI/CD, Linux
Copilot, Claude Code, AI-Driven Code Acceleration*

Projects

- **BonBun Pastry Studio - Modern Artisanal Pastry E-commerce Platform**
- Founder | Next.js | React | TypeScript | Tailwind CSS | Supabase*
- Developed responsive frontend with Framer Motion and Zustand for state management, delivering a smooth and intuitive user experience.
 - Implemented core e-commerce features including shopping cart, wishlists, coupon system, and a streamlined checkout process.
 - Integrated JWT authentication and created a comprehensive admin dashboard for product CRUD, order processing, and customer management.
 - Successfully elevated brand presence and expanded sales channels, significantly optimizing operational efficiency.
- **Holly World V2.0 - E-commerce Platform**
- Founder | Next.js | React | TypeScript | Tailwind CSS | Supabase*
- Migrated platform to Next.js 13/React 19 (SSR/TanStack Query), reducing First Contentful Paint (FCP) by 50%.
 - Enforced end-to-end type safety and validation using TypeScript and Zod, reducing runtime errors by approximately 40%.
 - Maintained code quality via Jest for testing and Husky for pre-commit hooks.
 - Engineered custom Node.js scripts to automate product data validation and image synchronization, eliminating manual workflows and boosting maintenance efficiency by 70%.