

## Overview

I am a self-taught engineer / designer who is passionate about building things that produce values. With a focus on user-centric product design and web-based technology, I had acquired strong love of both developing with good design and designing feasible solutions. As a detail-oriented and efficient individual, I am striving to contribute to larger-scale projects with self-discipline and collaboration between multidisciplinary team. I believe my experiences across design and engineering not only can deliver requests, but also enhance the overall productivity.

## Experience

### Vice Captain

NCKU Formula Racing Team  
Sep 2019 - Aug 2020

Worked on extending the team and building more presence through activities. I was responsible for financial management, unveiling event host and assisting marketing subteam. The team finished the second racecar despite the challenges of COVID pandemics and the cancellation of the yearly FS event.

### Frame & Body Lead ↗

NCKU Formula Racing Team  
Sep 2018 - Aug 2019

Built the first formula-style electric race car in NCKU to compete in the Formula Student (FS) event. I was leading the frame & body subteam to design and develop the vehicle, and also contributed to team building and operational tasks. The team developed the first electric FS vehicle to participate in Formula Student Japan 2019 and finished the vehicle examination, which was the second team in Taiwan.

## Projects

### Build the personal website / portfolio. ↗ 2021

I worked on both design and development side with an attempt to get clearer understandings of both. The website is designed in Figma and built from scratch with Next.js, styled with Stitches, animated with Framer Motion and deployed on Vercel.

The project helps me understand what the current web techs are and to consider viability while designing.

### Redesign search process for timetable app. ↗ 2020

Redesigned the search process for TRA iOS app. The goal was to simplify the process and reduce the search time. I worked on rethinking the user flows, ideating better way to search for desired stations, refreshing the interface elements, and building wireframes and prototypes for testing.

## Education

### National Cheng Kung University

B.S. in Mechanical Engineering / 2016 - 2020

## Skills

### Front-end

HTML • CSS • JavaScript • TypeScript (Basic) • Node.js (Basic) • React • Next.js • Gatsby • Framer Motion • Gsap (Basic)

### Design

Design Systems • Experience Design • Interface Design • Wireframing • Prototyping • 3D Modeling

### Tools

Figma • Notion • Framer • Miro • Webflow • VS Code • Vercel • Netlify

## Interests

Systematic Design • Component-based Design • Automobile • Electric Vehicle • 3D • Serverless • Motion Design • Films & Music • Typography • Wandering • Practice Writing • Reading • Browsing Products