

# Chianli Hang

Software Engineer

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Portfolio: [www.chianli.io](http://www.chianli.io)

\* \* \*

## Skills

<b>Expertise</b>	Full-Stack, Web Development, UX, UI, Graphic Design, Business Development, Mechatronics
<b>Tools</b>	<b>[Fluent]</b> Svelte, SvelteKit, React.js, Angular.js, Javascript, Typescript, HTML/CSS, Node.js, MongoDB, Git, Scrum, Figma, Illustrator, Photoshop
	<b>[Proficient]</b> Rust, C, C++, Python, Matlab, SQL, Ansys, EAGLE, Google Cloud
<b>Soft Skills</b>	Leadership, Public Speaking, Project Management, Agile Methodologies

## Recent Relevant Experience

### Lead Developer, Brand Consultant, Founder - lanternfly.io

Now  
Aug 2022

- \* Developed 99 page website across mobile and desktop for spindle distributor with unique features such as a color-changing navigation bar, randomizing product display, and slideshow background.
  - ~ Designed website with Figma according to specific goals outlined by project commissioner.
  - ~ Built website using Svelte, SvelteKit, HTML, CSS, and Typescript and deployed with Google App Engine to revamp brand identity and increase contacts by 10%.
- \* Rebranded spindle company, creating modern and memorable design to increase brand recognition and maintain relevancy.
  - ~ Conducted meetings to discuss client needs in order to create effective brand strategy.
  - ~ Created branding package and style guide, selecting typography, choosing colors, and using Adobe Illustrator to create logos, icons, business cards, email signatures, and other brand assets.

### Web Dev, Design, Biz Dev, Co-founder - THE CNC COMPANY

Sep 2022  
Mar 2021

- \* Developed company ecommerce website across multiple iterations to sell CNC machines.
  - ~ Wireframed and designed website across multiple screen sizes using Figma to communicate design objectives to engineers on the software team and create a seamless user experience for site users.
  - ~ Coded website with Svelte in conjunction with HTML, CSS, and Typescript for fast performance, using SvelteKit server-side routing for simplicity and SEO optimization.
  - ~ Created 17 page site including up-to-date product pages, blog feature, Typescript animations, login and user tracking with cookies, and light and dark mode.
  - ~ Migrated prior version of website built with pure HTML, CSS, and Javascript with a Node.js and Express.js backend to Svelte and SvelteKit.
  - ~ Created custom website assets with Adobe Illustrator to realize design ideas.
  - ~ Trained and managed 2 part-time software engineering interns.
- \* Created unique brand identity, aligning design with company values.
  - ~ Designed logos and icons using Adobe Illustrator.
  - ~ Selected typography and color to establish visual consistency and brand even without logos.
  - ~ Compiled design language and resources into style guide to be implemented across all company assets including business cards, merchandise, website, and more.
- \* Managed legal and financial side of business, processing \$20k+ of transactions. Developed strategy, acquired customers, created marketing, negotiated partnership with distributors.
- \* Prototyped desktop CNC mill "Machinist" with 0.001" precision metal-cutting capabilities.
- \* Prototyped 4x6 ft. CNC router "Carpenter" with 0.002" precision.

## Projects

- \* Currently developing Mischief.io with SvelteKit, a platform to create or join amateur esports leagues.
- \* Built barterwith.me in HackRU in under 24 hours, my first time using React.js. The app uses a Node.js and MongoDB backend.
- \* Engineered electrical systems of "Soccer Ball That Begg For Mercy When You Kick It" with Arduino, pressure sensors, and speakers.
- \* Used SOLIDWORKS to create 3D printed wallet for personal use.
- \* Designed with SOLIDWORKS and 3D printed face shields for medical staff during COVID.

## References

**Alexander Sanducu**  
thecnco Co-Founder,  
Rutgers Lab Manager

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