

Joshua Hanson

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experience

2015–2020

Idea Foundry

business operations

- 2017 Designed, organized, and documented the company's new file management system, centralizing the many disparate file silos that had been created over the years
- 2018 Developed new set of internal company core tools and processes
- 2019 Redesigned and rebuilt company website on a modern system that employs static generation, a CDN, and a more flexible and powerful frontend and backend for streamlined maintenance
- 2019 Designed a new set of a business operations databases to replace the company's legacy system

startup consulting

- 2016 Consulted with a corporation seeking to explore the commercialization opportunities for their augmented reality technology
- 2017 Consulted an entrepreneur developing a food-related platform; provided advice on legal compliance, web design, partner strategy, and operational strategy
- 2018 Consulted an entrepreneur developing an international technology transfer consulting company; designed the entire business plan and operational model; designed and built the business's website and other marketing collateral
- 2018–2019 Consulted a team developing a science research collaboration platform; provided advice on formation, market opportunities, operational strategy, legal, hiring, partner strategy, development process, development tooling, product development, marketing strategy, business communications, and more
- 2019–2020 Consulted with Deleon Biosciences, a company developing pharmaceuticals and prophylactics for age-related lower urinary tract dysfunctions; guided team through formation and advised on all aspects of business development; wrote complete Commercialization Plan for their SBIR/STTR grant application

independent projects and freelance

2017–present

Open Source Society University

Co-leader of organization
Co-maintainer of Computer Science curriculum
URL: <https://github.com/ossu/computer-science/>

2018–present

studio website: Universal Surface Studio

Working closely with designer Zhongkai Li to implement his vision for his design website. Responsible for translating his abstract designs into functioning webpages and for consulting him on the user experience and limitations of the web platform.

URL: <https://uuusss.co/>

2018–present

website series: Zhongkai Li

Regular collaboration with artist Zhongkai Li to implement his artist website as well as various web-based art projects.

Main website: <https://zhongkai.li/>

Gazing I: <https://zhongkai.li/gazing>

Gazing II: <https://zhongkai.li/gazing2>

Film site: <https://zhongkai.li/films/everything-in-the-past-has-life>

2019

Hyung Cho

	Implemented website design of artist Hyung Cho (unreleased)
2019	evanchang.work Assisted designer Evan Chang with modifying website's custom CMS
2020	graciehadland.com Implemented a design by Evan Chang for writer Gracie Hadland
2020	MassArt 2020 Photography BFA Thesis Exhibition Website Implemented frontpage design by Zhongkai Li and individual designs by each of the 27 photography students URL: https://massartphoto2020.com/
2020	Ingrid Chen Implementing new website design by Ingrid Chen (unreleased)

education

	University of Pennsylvania
2021–2022	Masters of Computer and Information Technology independent study OSSU Computer Science
	Carnegie Mellon University
2020	Non-degree student Relevant coursework: Introduction to Computer Systems (15213)
	University of Pittsburgh
2014	Bachelor of Arts, <i>cum laude</i> , Chinese Minor: International Relations Relevant coursework: Introduction to Logic
	Bucks County Community College
2012	Associate of Arts, Business Administration Relevant coursework: Calculus I

skills

English (native)	Technology market research	OCaml / ReasonML
Mandarin Chinese (intermediate)	Business information systems	Elixir
Business development	Systems programming	HTML5 / CSS3
	Web development	JavaScript
	React.js	C / systems programming
	Git	Java