Howie Hao Wang

✉ howiewang2020@gmail.com ⌂ howiework.com
📞 (1) 434-227-8996 ⧉ github.com/HowieWork

About Me *watch a video

A web designer / developer based in the US with a background in architecture.

I am always willing to embrace new technology. At school, I took programming courses like Data Visualization and Grasshopper. My professional experience started at WeWork. I was fascinated by how a data-driven approach is implemented in design. Later at SOM, I worked on an interior project involving VR. In my spare time, I self-taught programming and gradually realized my true passion for web development.

My diverse background prepares me with both design and develop skills: A keen eye for design; professional experience using design tools; solve real-world problems by design thinking, research and analytical skills.

Education

University of Virginia
Aug. 2015 - Dec. 2017 | Charlottesville, VA
Master of Architecture, GPA: 3.61, Scholarship Recipient
GRE: 319 *Full score in Math.

University of Mining and Technology
Sep. 2010 - Jul. 2015 | Xuzhou, China
Bachelor of Architecture, GPA: 3.89, Rank: 2/86, Full Scholarship Recipient

Certifications

Next.js & React: The Complete Guide
Jan. 23, 2022

React: The Complete Guide
Dec. 30, 2021

Node, Express, MongoDB Bootcamp
Sep. 20, 2021

The Complete JavaScript Course 2021
Jul. 15, 2021

Build Responsive Real-World Websites Sep. 8, 2021

The Complete 2021 Web Development Bootcamp Apr. 9, 2021

Projects

Snap App | MERN-stack web application
Share, navigation, architecture, plan. Snap App focuses on creating a photo sharing platform for people who love architecture. Inspired by real-life experience as an architectural designer. Read full story of Snap App.

Lunch Break | Built with Next.js
A blog site cares about work-life balance focusing on design, psychology and community. It derived from my own Wechat Official Account.
The first article has reached *826* reads. Over *20,000* words have been published since launching. Read why and how I built Lunch Break.

Howiework | Built with React
I completely redesign and rebuild my portfolio website using React. It is a major update from previous design version for my aspiring dev career.

Museum - NMAAHC | UI/UX design project
A mobile app design for a museum. Goal is to enhance visiting experience. Personal product project contains the whole process including UX research.

*Below is a list of tutorial projects. I am currently working on adding more features and customizing these projects. Stay tuned!
Natours | Built with Node, Express, MongoDB
A web app for helping people choose where to travel in North America.
Forkify | Built with HTML, CSS, JavaScript
Search over 1,000,000 recipes. Find your favorite recipe and bookmark it.

Experience

Work

Web Developer at Sunwater Institute
Mar. 2022 — present | Bethesda, MD
Working on products: create, discuss, and implement fundamental ideas that advance liberty, knowledge, and power of individuals and society.

Consultant | Freelance
Mar. 2020 — present | Washington DC
Help clients rebranding; build portfolio sites with Wordpress/Squarespace. Worked on projects like Snap App, NMAAHC mobile app redesign.

Product Designer / Developer
Jul. 2019 — Mar. 2020 | Remote
Worked on MIAO product. Helped customer successfully rebrand their product, website using JS, HTML, CSS and integrate with their store-front design.

Architectural Professional at Skidmore, Owings & Merrill LLP (SOM)
Jun. 2018 — Jul. 2019 | Washington DC
Involved in an interior office HQ Project: work on SD, DD, CD; Worked closely with market team and clients. Integrated VR into presentation.

Architectural Intern at WeWork
Feb. 2018 — May 2018 | New York, NY
Worked with professions from tech. Implemented data-driven design approach and research on space & profit efficiency.

Research & Volunteer

Moon Village Jan. — Jul. 2019 | New York, NY
SOM research project (collaborating with Europe Space Agency and MIT)
Lumina Pavilion (UVa Bicentennial Celebration) Sep. 2017 — Oct. 2017

Skills

Programming languages
JavaScript (ES6), HTML, CSS

Frameworks & Libraries
React, Next.js, Node.js, Express

Tools & Platforms
Git, MongoDB, Firebase, Vercel, Netlify, Heroku, Wordpress

Design
Figma, Adobe XD, Adobe Creative Suite (Photoshop, InDesign, Illustrator)