

Zongze Chen

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Education

New York University - Tisch School of the Arts
-M.P.S. Interactive Telecommunications

May 2025

University of California, San Diego
-B.S. Cognitive Science w/Spec Design & Interaction
-B.A. Visual Arts - Department Honor with Highest Distinction

June 2023

Skills

Frameworks: Next.js, React, Tailwindcss, Vite, Framer Motion, Node.js, Firebase, WordPress

Languages: Typescript, JavaScript, HTML, CSS, PHP, SQLite

Design tools: Figma, Adobe suite, UI/UX design/research approach

Selected Project

AI persona chat (React, Firebase, Tailwindcss)

Fall 2024

- Built a group chat application using React and Firebase for database, storage, and authentication
- Each user can create and customize their own persona, which will be used by AI to enforce speech style
- Use API from Llama to process each text message to enforce persona

Skylab (JS, Node.js, MySQL)

Spring 2024

- Build a full-stack data tracking system for IoT devices with Node-RED and Javascript
- Stored data in a SQLite database and built a website that can dynamically query data
- The website supports keyword searching, date filtering, and sorting
- Skills used: Node-RED, MQTT, SQLite, HTTPS, HTML/CSS/Javascript

Experiences

Website Development Intern (JS, HTML, CSS, PHP, WordPress)

Jun. 2024 - Aug.2024

Synaptic Medical, Carlsbad, CA

- Designed and developed a branding website with a custom CMS implementation
- Built product browsing interface and job application interface
- Programmed in PHP to dynamically generate pages with ACF on the server
- Programmed in Javascript/HTML/CSS to generate dynamic client-side interfaces

Teaching Assistant - (JS)

Sep. 2023 - Present

NYU Tisch School of the Arts, New York, NY

- Help students with Javascript code to make creative content on websites
- Provide help in p5.js, machine learning, API, and general programming