

Hanzhe Chen

Los Angeles, California | 213-569-6646 | achen088@usc.edu | linkedin.com/in/hanzhechen | hanzhechen.com

EDUCATION

University of Southern California, Viterbi School of Engineering - Los Angeles, CA

Graduation: May 2026

Bachelor of Science Computer Science

GPA: 3.87/4.0

- Honors: Dean's List

Relevant Coursework: *Principles of Software Development; Data Structure and Object-Oriented Design; Introduction to Artificial Intelligence; Discrete Methods in Computer Science; Introduction to Algorithms and the Theory of Computing; Theory of Computation; Web Publishing; Introduction to Computer Systems*

SKILLS

Technical Skills: C/C++, Python, Java, HTML/CSS, JavaScript, PyTorch, Machine Learning, MATLAB, SQL

Other Skills: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Native Mandarin

EXPERIENCE

University of Southern California, Viterbi School of Engineering

Los Angeles, CA

Course Producer

August 2023 – Present

- Managed the assessment of weekly assignments and held weekly office hours for 150+ students in courses like Data Structures, Object-Oriented Design, and Web Publishing; crafted comprehensive exam rubrics and responded to weekly questions on Object-Oriented Programming (OOP) and front-end development.

MiraclePlus (Former Y-Combinator China)

Beijing, China

Summer Intern

May 2023 – Present

- Managed an integrated Chinese daily Newsletter with a 10000+ audience covering AI and technical innovations.
- Conducted research on 50+ startups in the AI-chatbot field and sourced 100+ deals in the AI and gaming sectors, Setting up connections with 200+ people with startups in this field.

PROJECTS

Personal Website: Hanzhe Chen (Angela)'s Portfolio

January 2023

- Created a multi-section layout, including a dynamically changing menu; Integrated parallax scrolling effects and smooth scroll-out animations using Parallax.js and Scroll-Out.js; Implemented a responsive design.

Crowdsourced Class Calendar, Group Project

December 2023

- Collaborated with the back-end team and constructed Java Backend that allows subscribing to public databases and real-time discussion boards. Used SQL for data management and SpringBoot for connection to the front-end.

Simplified Amazon, Personal Project

February 2023

- Created a C++ backend to emulate Amazon, using advanced data structures for efficient data parsing and ssearch. Implemented set-based algorithms for targeted search results and a robust cart management system.

Influence of Lolita Fashion on Semantic Judgment, Personal Project

August 2021

- Designed a multi-page user interface using HTML and CSS; Implemented timing and sequencing logic with JavaScript; Collected user demographic data for nuanced analysis.

JoesTable Logistics System, Personal Project

September 2023

- Developed a multi-threaded logistics system using semaphores and locks; Managed restaurant data and delivery schedules through JSON and CSV file I/O; Implemented real-time order tracking with time-stamped outputs.

Web crawler, Personal Project

April 2020

- Developed a web crawler in Python to scrape real-time data on TikTok's Google Play rankings in various countries. Utilized BeautifulSoup for HTML parsing and Pygal for data visualization. Constructed a heat index Algorithm to quantify.