

Zihao(Peter) Xu

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EDUCATION

University of Southern California, Los Angeles, CA

GPA: 3.83/4.00

Dornsife School of Letters, Arts, and Science

Bachelor of Arts, Applied and Computational Mathematics

Graduation date: 05/2023

Viterbi School of Engineering

Bachelor of Arts, Data Science

Graduation date: 05/2023

Honors: Dean's List

SKILLS

- **Programming Language:** Python, C++, MATLAB, R
- **Database Management:** SQL, MongoDB, XML, Amazon DynamoDB
- **Web Development:** HTML, CSS, JavaScript
- **UI/UX Design:** Figma, Sketch
- **Software:** Word, PowerPoint, Excel
- **Communication Language:** English, Chinese

RELEVANT COURSEWORK

- Foundations of Data Management; Data Visualization and UI Design; Applied Python; Probability Theory; Mathematical Statistics; Mathematics of Machine Learning; Introduction to Programming in C++

PROFESSIONAL EXPERIENCE

TeraThought

Los Angeles, CA

UI Designer

02/2021 – present

- Produce high-fidelity interactive prototypes of Shareful (using Figma Pegasus Design System), an on-going mobile app project that aims to create item lending-borrowing communities to optimize the use of resources.
- Reference website: <https://www.terathought.com/shareful>

University of Southern California

Los Angeles, CA

Research Assistant

01/2022 – present

- Analyze COVID-related data using MATLAB. Model the data into statistical distributions to find the variations in COVID infection and hospitalization cases to help forecast the trajectory of COVID in the future.
- Reference web interface: <https://scc-usc.github.io/ReCOVER-COVID-19/#/>

Farfetch

Beijing, China

Product Intern

06/2021 – 08/2021

- Designed Customer Relationship Management (CRM) products using Sketch supported with product requirement documents (PRD). The products served fashion brands such as Off-White, Stone Island, and Prada.
- Designed and tested online store mini programs (CurioFetch) and data tracking mini programs (CurioEye) that are currently used in the fashion retail industry.

LEADERSHIP EXPERIENCE

UI/UX Designer, UNICHE(Startup) - remote

08/2021 – 11/2021

- Designed UI/UX of the e-commerce fashion retail platform (Wechat mini program) UNICHE using Figma.
- Participated in inviting niche designers to cooperate with our platform to produce exclusive fashion items.

Team Member, USC Data Science Club – Los Angeles, CA

01/2021 – present

- Participated in Marshall Data Analytics Competition with 3 teammates, analyzed 1 million+ pieces of real-world data from shipping company Maersk using JMP Pro, and delivered a presentation on key business insights for Maersk with our data analysis results.

ACADEMIC PROJECTS

Parking Finder(on-going)

01/2022 – present

- Building a web-based app that aims to provide easy access to parking information in Los Angeles by using an interactive map supported with features including search, filter, and reserve parking spots. Tools involved: Python and SQL to process data and HTML/CSS/JavaScript to construct website supported with Figma prototype (mobile version prototype).
- Prototype Link: <https://www.figma.com/file/Udl1yg636aDoLOlcztSag/HW9?node-id=101%3A489>