



Lulu (Zilu) Zhu

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EDUCATION

University of California San Diego B.S. in Computer Science with Cognitive Science minor, GPA **3.4** Graduated **2022**

SKILLS

Programming Javascript (React, Angular, Jest) || HTML || CSS (Bootstrap) || Java || Python || C || C++

Design Figma || Photoshop || Adobe XD || Illustrator || Indesign || Wireframing || UX Design || User Research

PROJECTS

Design Portfolio Website

Jul 2022 - Present

- Designed portfolio website from ground up through UI sketches and high fidelity prototypes on Figma emphasizing responsive design
- Implemented from scratch using HTML, CSS Flexbox and Bootstrap
- Planned and executed project timeline, analyzed and adapted schedule based on milestone progress

EXPERIENCE

General Atomics

Jun 2021 - Jun 2022

Software Engineer Intern

San Diego, CA

- Designed and developed scripts automating data acquisition and presentation summaries in support of National Inertial Fusion Program, advocating for user friendliness and safety in regards to data management
- Increased efficiency of data acquisition by 18 times
- Acquired hands-on experience with data analysis and visualization

University of Rochester's Laboratory for Laser Energetics

Jul 2020 - Sep 2020

Software Engineer Intern

Rochester, NY

- Headed design and full-stack development of a web-based user interface providing asynchronous diagnostic analytical updates from user configurations on AngularJS, Bootstrap, and NodeJS
- Wireframed and storyboarded UI design of preliminary project version and updated library to CanvasJS to enhance user experience
- Facilitated communication between the web development team leading to updated procedures

CSES Website Development Team

Sep 2018 - Sep 2019

Front End Designer

San Diego, CA

- Redesigned UCSD's Computer Science and Engineering Society's (CSES) website from scratch
- Created website blueprint design, coding visuals, flow to mitigate user pain points

EXTRACURRICULARS

Trend Magazine

2018-2020

- Graphic Designer for spreads, covers, and merchandise for a student-run fashion magazine
- Applied creative background to manage the direction of Trend's brand identity

New York Times Illustration

2018

- Won illustration contest for student editorials; artwork published in June 6, 2018 article

COURSES

Object Oriented Design || Algorithms and Systems Math || Statistical Methods || Advanced Data Structures || Digital Systems || UX & Product Design || Machine Learning || Usability and Information Architecture

UI/UX DESIGN PORTFOLIO <https://luluzhu.com/>