Lulu (Zilu) Zhu

⌂ San Diego, California || ☎ (858) 523-0369 || ✉ luluzhu9@gmail.com || in lulu-zhu

EDUCATION

University of California, San Diego B.S. in Computer Science with Cognitive Science minor, GPA **3.5**   Anticipated **2022**
Canyon Crest Academy High School Diploma   Graduated **2018**

COURSES

Object Oriented Design || Discrete Math || Algorithms and Systems Math || Statistical Methods || Advanced Data Structures || Data Science || Digital Systems || UX & Product Design || Software Engineering || Machine Learning

EXPERIENCE

General Atomics   **Jun 2021 - Present**
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

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

ENN Energy Holdings   **Jul 2019 - Aug 2019**
Software Engineer Intern   Langfang, China
- Implemented functionality and UI for nation-wide Compact Fusion big data processing program
- Restructured the program from Matlab to Python and performed bug testing
- Instituted new workplace safety program alerting users to unsafe radiation levels real time

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

Envision Visual Arts Conservatory   **2015-2018**
- School sponsored art community for projects such as: environmental graphic novel, sculpture garden

SKILLS

Programming Java || Python || Javascript (React, Angular) || HTML || CSS || C || C++
Design Figma || Photoshop || Adobe XD || Illustrator || Indesign || Wireframing || UX Design || User Research

DESIGN PORTFOLIO luluzhu.com