

Tia Irani

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Education

University of California, San Diego

La Jolla, CA

B.S Computer Science, Minor in Mathematics

August, 2022 - June, 2026

Relevant Coursework: Data Structures and Object-Oriented Design, Software Tools & Techniques, Systems Analysis, Computer Organizations & Systems Programming, Software Engineering, Components and Design Techniques for Digital Systems, Operating Systems, Machine Learning Algorithms, Introduction to Cybersecurity

Projects

Opportune:

- Worked primarily on the front-end to create wireframes for the website, specifying the nature in which the user can move through the different pages.
- Included various comments throughout the wireframe in order to clarify any unclear points regarding functionality of different elements on the individual webpages.

Low-Price Center:

- Worked primarily on the front-end to create wireframes for the website, specifying the nature in which the user can move through the different pages.
- Included various comments throughout the wireframe in order to clarify any unclear points regarding functionality of different elements on the individual webpages.

Go Go Grocery:

- Grocery list web application geared towards streamlining the process of buying groceries.
- Users can make multiple grocery lists, search for items across numerous grocery stores, and determine which store to buy from according to the total overall price.
- If unable to finish their grocery list, users with an account will have their progress automatically saved.

Technical Skills

Languages: Assembly, C, C++, CSS, Haskell, HTML, Java, Javascript, MATLAB, Python

Developer Tools: VSCode

Technologies/Frameworks: GitHub, Git, Figma, Digital

Soft Skills

- Strong Public Speaking Skills
- Strong Interpersonal Communication
- Constructive Decision Making/Problem Analysis
- Critical Thinking
- Efficient Time and Project Management
- Limited Spanish Working Proficiency

Extracurricular Activities

CSES Open Source @ UC San Diego, Design Chair

July, 2025 – Present

- Managed a team of web designers in planning, developing, and implementing wireframes for CSES Open Source projects such as Opportune, Low-Price Center, TritonScript, and TritonSpend.
- Responsible for curating informative presentations and proposal documents to be used during outreach events and cross-campus organization collaborations/partnerships.

CSES Open Source @ UC San Diego, Designer

September, 2024 – June, 2025

- Current role as a designer for two CSES Open Source projects - Opportune and Low-Price Center.
- Working primarily with Figma to design the web applications, highlighting different features of the website and solidifying specifications regarding website navigation and other key features.

ACM Summer Projects - Hack Team, Member

June, 2024 – October, 2024

- Working in a team of five members to create a web application centered around online grocery shopping.
- Primarily working front end, using Figma to design a wireframe and CI/CD pipeline diagram.

ACM Hack @ UC San Diego, Member

February, 2023 – Present

Leadership

Speech and Debate @ Christopher High School, Council Member

August, 2019 - June, 2022

- Took an active leadership role in formulating, executing, and documenting the agenda for the weekly meetings, collaboration with other faculty members, and execution of numerous extracurricular activities, including annual events such as speech showcases.