

CSE 134B – HW2

Personal Portfolio Design Document

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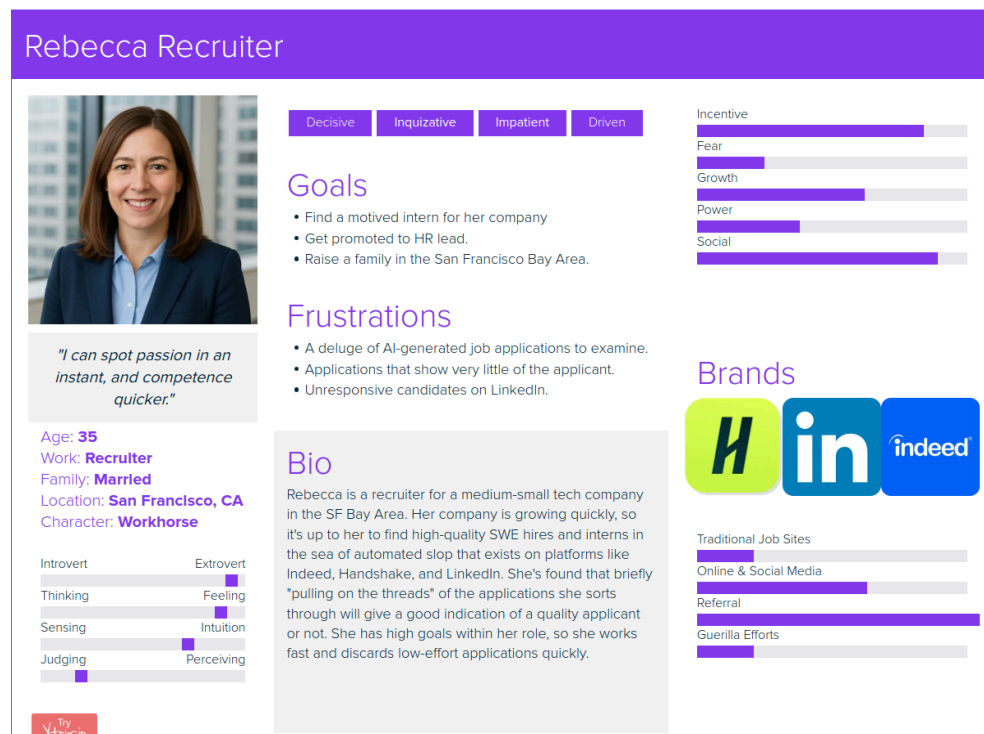
Summary of Purpose

This site will serve as a “digital garden” of my personal software projects, new technologies I am studying, and hopefully some data-driven analysis of fun subjects I find interesting (urban planning, design, jiu jitsu, etc). If the site is successful, it should show an audience of peers, mentors, and recruiters that I am passionate about software engineering, skilled in web development, and capable of presenting technical information in easy-to-understand formats.

Audience Considerations

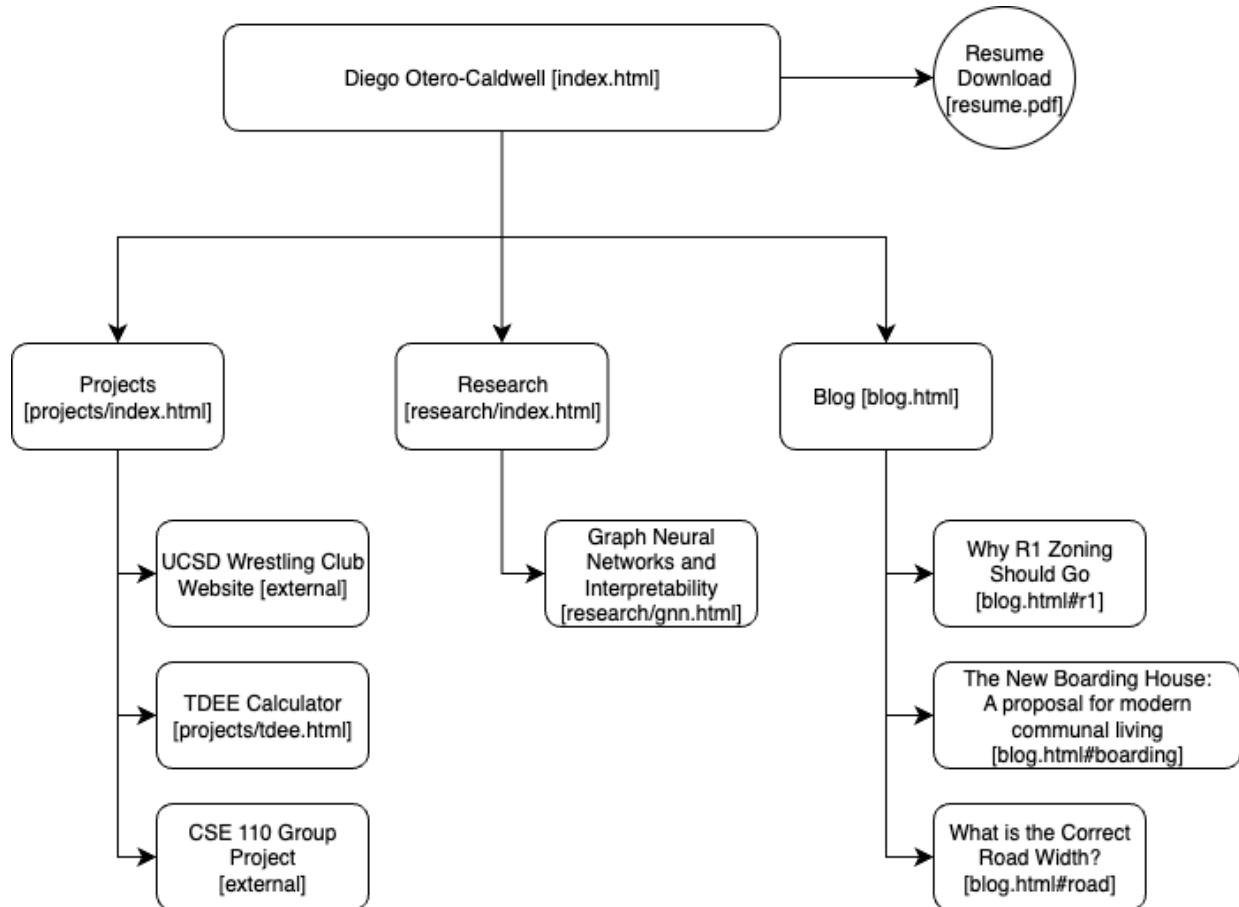
This site will be primarily aimed at recruiters interested in hiring me for software development roles, though I hope the audience will broaden as I add more content to the site. In its final form, the site should contain valuable analysis of topics for technically minded readers, while remaining approachable for all.

Site User Persona Diagram



Site Diagram

Some of these pages may be filled with placeholder content for grading, but these are all planned writings I'm currently working on.

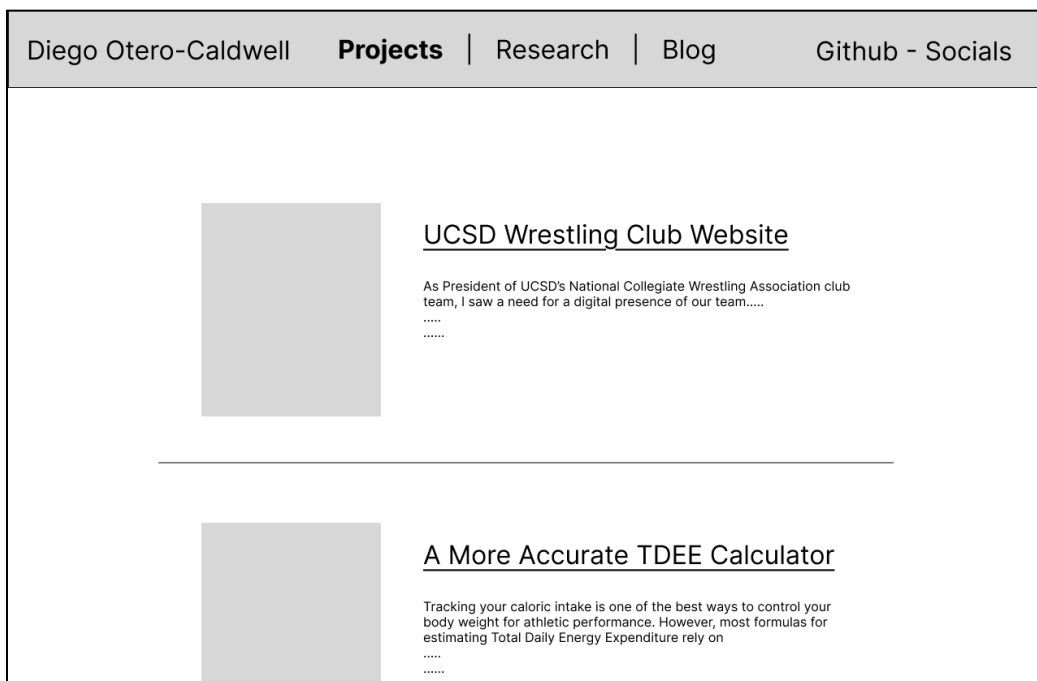


Wireframes

Homepage



Projects



Research

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Graph Neural Networks and Interpretability

August 15, 2025

As part of a research group under Dr. Sanjoy Dasgupta, here are my findings of applying interpretability methods to Graph Neural Networks in the context of land valuation.

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Correctly Applying Utopia Design Principals

July 25, 2025

The web is inherently dynamic and accessible by an uncountable number of different viewports and devices. Here is what I've learned about applying Utopia design principals to ensure our content fits any sized viewport.

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Blog

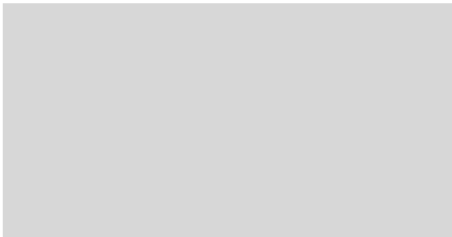
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Jump to Post

- [Why R1 Zoning Should Go](#)
- [A New Boarding House](#)
- [What is the Correct Road Width](#)

Why R1 Zoning Should Go

August 15, 2025



A New Boarding House

July 25, 2025

I've been thinking a lot lately about housing, especially in cities where job markets are thriving and rents are shooting through the roof....

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Entire blog post is included on this page... Scroll for more

Technical Requirements

The site shall aim to be as lightweight as possible, with minimal dependencies and unnecessary JS. Content will be hosted first on Netlify, and then hopefully on my own hardware when I have more familiarity with networking and site hosting (though that is outside the scope of CSE 134B). I aim to support the latest versions of Firefox, Safari, and Chrome, with a site that scales dynamically to a very wide range of viewport widths with minimal breakpoints.

Content Requirements

The site will host a growing list of content as I tend to the digital garden that it is. In its earliest iterations, I aim to include the following

- Writings
 - Landing/about-me page
 - Boarding house proposal
 - GNN Interpretability research outline
- Images
 - Splash headshot
 - UCSD Wrestling Sample Photo
 - Open source favicon that represents me (TBD)
- Video
 - Re-recorded my Ignite presentation on the harmful effects of R1 zoning