

Shira Edelman

991 Helena Dr, Sunnyvale, CA, 94087 • contact@shiraed.com • (408)314-7685 • <https://shira462.github.io>

Education

- B.S. Cognitive Science w/ Specialization in Design & Interaction, *cum laude* April 2020
- Minor Computer Science
- University of California, San Diego
- Computer Science GPA: 3.85 Cumulative GPA: 3.83
 - Key Coursework (Programming): Java Programming, Basic Data Structures and Object-Oriented Design, Computer Organization & Systems Programming, Advanced Data Structures, HCI Programming Studio, Data Science in Practice
 - Key Coursework (Design): Interaction Design, Design for Development, Engineering Psychology

Experience

- EyeIdentify - Front End Developer - HTML/CSS Sep 2020
- Delivered functional web prototype and public marketing site for Eyedentify, a patient data collection prototype for healthcare workers treating cataract patients in remote locations.
 - Website supported investor fundraising and an application to Y-Combinator.
 - Followed iterative design process to meet design constraints and identify client needs.
 - Met weekly milestones, negotiated requirements and managed expectations against three stakeholders, and delivered on schedule against a deadline.
- Eqode - Front End Developer - HTML/CSS Aug 2020
- Converted Excel prototype to interactive web page, which enabled production release of a learning platform that could be used in an accessible way.
 - Enabled distribution of engineering ethics curriculum intended for high school teachers of underrepresented youth in Brazil to use in live classroom settings.

Projects

- WordBox - HTML/CSS, JavaScript, Firebase Jun 2019
- Co-led development of a full stack web app for nonverbal children, allowing users to voice sentences with the assistance of images and text-to-speech. Completed in 8 weeks.
 - Outcome: Aligned on a feasible design concept and completed implementation within the given constraints, despite extenuating circumstances which cut our timeline in half.
- Munchy - HTML/CSS, JavaScript Dec 2018
- Created a meal-planning web app for UCSD students.
 - Led the coordination and execution effort - prepared a schedule, delegated responsibilities, tracked progress, resolved key design decisions
 - Performed interviews and A/B testing, consolidated data into functional design process

Skills

- Programming Languages: JavaScript, HTML/CSS, C and C++, Java
- Libraries & Tools: Docker, Bootstrap, JQuery, Firebase, Figma, Visual Studio
- Interpersonal & Communication: Cross-functional collaboration with stakeholders and partners, schedule and delivery negotiation, resolving team member challenges, project presentations, demos and documentation.
- Organization: Planning, scheduling, prioritization, tracking and delivery.