

Shira Edelman

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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

EyeDentify - 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.