

Andrea Esparza

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Summary

I am a passionate and motivated individual seeking a career as a software engineer. At Flatiron School, I gained experience with JavaScript, React, Ruby, and Ruby on Rails. My five years as a high school teacher and four years as a board member for a national sports organization taught me how to be relentlessly organized, an effective collaborator, and extremely adaptable.

Skills

Technical - Ruby, Rails, JavaScript, React, HTML, CSS, Arduino

Other - Fluent in Spanish and English

Technical Projects

Student-Teacher Resource - [Link](#) | [Github](#)

App that allows students to easily find their schedules and assignments and allows teachers to keep track of their students' information

- Designed the full stack application using Ruby/Rails and React/JavaScript
- Curated two different experiences for two different user types through conditional rendering
- Utilized BCrypt to authenticate and authorize the users

Wanderlust - [Link](#) | [Github](#)

App for travelers to explore what others have to say about the countries they want to visit and post reviews for other travelers

- Co-developed an application using a JavaScript/React frontend and Ruby/Rails backend
- Applied full CRUD capabilities allowing authorized users to add, edit, delete their reviews
- Implemented a search bar for users to filter the destination list using React state variables

Art Gallery - [Link](#) | [Github \(front end\)](#) | [Github \(back end\)](#)

Simulates what it's like to walk through an art gallery and allows artists to add their own pieces

- Collaborated to design a full stack application using Ruby/Sinatra and React/JavaScript
 - Styled the application using Tailwind CSS
 - Utilized RESTful routing to connect artists to their art on the frontend
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Experience

Navarro Early College High School - Math Teacher and Soccer Coach

AUG 2017 - MAY 2022

- Developed a year-long geometry team curriculum, including lesson plans and assessments
- Collaborated with 12 teachers in math department to align our curriculum vertically
- Assessed how each class engaged with the content in real time and adjusted lessons accordingly
- Scheduled, planned, and conducted soccer practices that focused on player development

Premier Ultimate League - Board of Directors, Austin Torch Representative, Founding Member

SEP 2018 - MAR 2022

- Co-founded a professional women's ultimate frisbee team and the league it plays in
 - Led board of directors committee that assembled the rulebook for all 300 players in the league
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Education

Flatiron School - Full Stack Development - Ruby, Rails, JavaScript, React, SQL - OCT 2022

University of Texas at Austin - Bachelor of Science in Mathematics - MAY 2017