

F.A.R.T

Form Analyzing Running Tool

Nate - Jerry - Sam

Nate

I was the team lead and back end developer.

I made the thing that actually analyzes the users running form.

I took a 3d array [frame, joint, coordinates], broke it down, and used angles and distances to give tips about running form.

Jerry

I worked on some of the Front end while also doing some minor features in Javascript.

I also tool lead on planning and documentation like a product manager.

Sam

I was part of the front end. My main job was to make the website and all the buttons and features work on the website.

I also worked on testing.

Project Goals

- The Front End goals were not quite completed
- The Back End goals were completed
- Everything was a bit behind schedule from what we had projected
- Still a work in progress

Challenges

- Python code not working with html
- Staying on track
- Learning how to code in different languages
- Losing two members early

What has changed since the midterm?

- We have a mostly working front end that we have been busy trying to integrate.
- The Analyzer is more robust and finished.



127.0.0.1



Form Analyzing Running Tool

Upload Your Video

Choose File no file selected

How to Take the Video

- Take the video from the side.
- Keep about 20 feet of space between you and the camera.
- Ensure good lighting and minimal background noise.

Video Library

Exercise Suggestions

Glute Bridge

Supermans

Plank

Windshield Wipers

Ankle ABCs

Push Ups

Lateral Raises

Clamshells

Thank You