

Take Home Challenge

for WebGL Developers

We would like you to build a simple WebGL app to visualise vehicle data from a representative API that we have created for this test. The API is designed to resemble the sorts of APIs that we use at Oxbotica. You can build whatever you like with that data, but please don't spend more than 3 hours on this task. If there are changes or extra features you would have liked to have added to the app if you'd had more time, feel free to note them in the README for us to discuss during the interview.

The API:

We have created an example API for this test that can be found at this URL: <https://vehicle-api-test.herokuapp.com>. Navigating to this URL in your browser will provide you with API documentation showing the available endpoints and the models the API provides.

Why have we picked this test?

We believe it is a similar task to those that Web Developers at Oxbotica have to regularly complete, it lets us see:

- How you approach building a web application with flexible requirements
- How you structure your code and approach the technical aspects of interacting with data from an API
- How you visualise data in a web application. We're not looking for a pixel perfect design, but we value well-thought-out user experiences and the little details that make life easier for our users

Feel free to ask if you have any questions.