

Zype Front-End Developer Take Home Challenge

Overview

Implement a mobile web page with a scrolling list of video thumbnails and titles. Make sure to use a “parallax” effect. For instance, see the SoundCloud style scrolling in [this video](#).

Please use a responsive approach to create the mobile page. To keep the task as simple as possible, we do not have any design requirements for the “desktop” version of the page.

Requirements

- Thumbnails and titles will pull from the Zype API:
 - https://api.zype.com/videos/?api_key=H7CF2IHbEc6QIrMVwb2zfd9VI14HHGafYax1eHEUsJ4voYuqWF2oWvByUOhERva_
 - The api returns data in JSON format.
 - "response" contains an array of video objects.
 - The title of the video is in the “title” field.
 - Video objects that have thumbnails will have a "thumbnails" array containing thumbnail objects. The API returns a variety of sizes. Use an appropriate size for mobile devices.
 - If a video object does not have a thumbnail, display a placeholder graphic of your choice.
- Parallax scrolling effect
 - The video titles should appear to “float” above the video thumbnails, giving a sense of depth as the user scrolls. For a good visual example, see the above youtube clip.
- Technologies
 - The majority of your code should be written in pure JavaScript. Please do not use any JS frameworks (such as Angular, React, Backbone, etc). Libraries such as jQuery, underscore, etc are OK for DOM manipulation and data calls as long as no jQuery plugins are used (e.g. don't use scrollspy, parallax, or jQuery UI).
 - You can use any HTML and CSS frameworks of your choice.