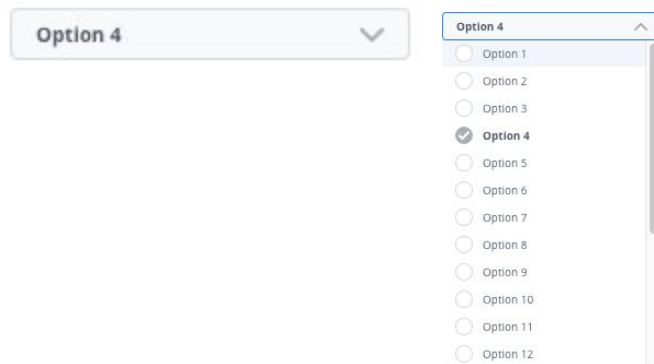# Hive Take-Home Challenge - Frontend Engineer

Task: Using React or Only Vanila (plain) Javascript, build a dropdown component

This component should receive props that determine what options are displayed in the dropdown as well as what values are selected.

Example dropdown (Note: You do not need to follow these designs)

This component must support the following :
- Multiselect and single select
- Display of the selected values (so that users can see what is selected when the dropdown is in the "closed" state
- Deselect value on click
- Open/Closed states

What we expect to see:
- Efficiency. Can your component render large lists efficiently? Is your component doing excessive computations?
- Extensibility. Can functionality be added to your component relatively easily?
- Readability. Can a fellow developer dive right into your code?

Bonus (if you have time):
- Responsiveness
- Select All/Deselect all button
- Show off your design skills!

*Please do not use a pre-built dropdown from a component library. We expect you to build this from scratch.

Achieving the functionality should be top priority. But if you have time, you can try impressing us with aesthetics and interactions. Feel free to use the boilerplate of your choosing, or start from scratch!

Please send your project folder over email. Don't forget to include instructions on how to run it.