

Hi Brian,

I am thrilled to be passing the following challenge along to you as a next step in our interview process. Please let me know if you have any questions!

**The Challenge:**

StockX is looking to build an inventory system for storing shoes. We will need a web interface to do this. Create a github repo to store your code in (If you would like a private repo for this, let us know and we will set up a private one for you). Please follow the instructions below and create a fairly simple inventory system.

Create a web interface using React.js

We will need a 5x5 grid to display the inventory shelf, each slot should show which shoe is placed in it.

When a spot is clicked, we should be prompted to add, edit, or remove the shoe that is currently in that slot.

We will need a form with the following fields for a shoe ( all generic text fields)

- Brand
- Style
- Size
- UPC ID

**Some things to know:**

- If for some reason you get stumped, feel free to email me for assistance. We message each other often when we get stumped during the day, so this is completely normal.
- Don't be too worried if you have any problems or if something doesn't work out. This exercise is not meant to be stressful or cut-throat so just remain confident and do your best.
- Data does NOT need to be permanently stored anywhere. If the data goes away on session, or even on refresh, that is fine!
- Your site does NOT need to be hosted anywhere. We just need the steps necessary to run your code locally on our machines. If you wish to host your finished challenge, that is also fine, just let us know the final URL (free hosting is available via Heroku, as well as others)

Thanks!

Miles Muslin

