Program pseudocode/planning

The program calls for searching data (or filtering data) and appending rows to a table. This is a function that can be done using the D3 library of JS. This function may need to be inserted in a loop of some kind.

The trigger for the table being filtered is a button click, which is going to be triggered by a D3.js event listener which connects a click to a button click.

Code snippet from the d3 lecture for creating a new element in a text area

var li1 = d3.select(“ul”).append(“li”);

li1.text(“A new item has been added”);

this added a new item to the list that read “A new item has been added”. You are selecting the unstructured list element to add this into and adding a list (li) element that has that text which appears in li1.

D3 video has an example of adding values to a table with javascript at 1:18:00 or so.

D3 video has event listeners at 1:38:30

Souful is noticing that a bunch of jobs are open at intel. He was possibly interested in a recent PhD grad for one of them. You should mention this to Chelsea. He’s interested in looking at her resume.

Pseudocode

Variable = data from JSON document (this step is done already)

// define a function to populate table based on all records in variable

Function(variable)

Foreach record in variable

Start a new <tr> row

Append a new line as a <td> element, using the key to put each value in the right place (this will

Probabaly take one line for each field to populate.

//run the function

Populate\_function(variable)

// filter and run populate function on the trigger (button click)

Variable2 = results where date > user input

On.trigger(click the button)

Function(variable2)