**DONUTS AND DEVS**

**Objectives**: Calling APIs with Angular

**Task**: Using the HttpClient, create an app that shows information from APIs.

**What does the application do?**

You’ve heard of Dungeons and Dragons? Well, Donuts and Devs is… nothing like that. This application allows bored individuals to learn more about important figures in computing history or gaze longingly at donuts.

**Build Specifications:**

* Create two services to provide data from APIs:
  + One gets from the GC Donut API.
    - This needs a function to get the whole list of donuts.
  + The other gets from GC Computer Science Hall of Fame API.
    - This application just needs to display the “complete” portion—that array of people.
  + Both can be found at <https://grandcircusco.github.io/demo-apis/>
  + Both are relatively simple APIs.
  + Create the interfaces you need for this data. (2 points)
* For Donuts, you’ll need a Donuts component. Donuts should show a list of donuts, including the name, photo, and link to the photo attribution of each. (Hint: use CSS to set a fixed width on the <img> elements, because the images vary in size.)
* For the Hall of Fame (Devs), you’ll need a FamousPeople component. Display details of the hall-of-famers in an HTML table with 4 columns: First Name, Last Name, Innovation, Year.
* Insert both components into your app component. This means the donuts will display at the top of the page and you will scroll down to see the table of people. Include an <h2> at the top of each component to highlight where it starts on the page.

**Extended Challenges:**

* Use a separate component for the details of each listing: e.g. DonutItem for each donut and FamousPersonRow for each hall-of-famer.
* Add tabs at the top of the app component to toggle between the Donuts and FamousPeople components.