Frontend design:

Stanford CS193 Course (<https://cs193p.sites.stanford.edu/>)

* Lecture 1
  + <https://www.youtube.com/watch?v=jbtqIBpUG7g&feature=youtu.be>
* Lecture 2 (This goes in Model part of the Model View Controller idea)
  + <https://www.youtube.com/watch?v=4GjXq2Sr55Q&feature=youtu.be>
* Lecture 3 (Combines everything together)
  + <https://www.youtube.com/watch?v=SIYdYpPXil4&list=PLpGHT1n4-mAtTj9oywMWoBx0dCGd51_yG&index=3>
* Lecture 4 (Custom Layouts)
  + https://www.youtube.com/watch?v=eHEeWzFP6O4&t=215s
* Lecture 5 (View modifiers)
  + <https://www.youtube.com/watch?v=oDKDGCRdSHc>
* Lecture 6 (States/Property Observers SUPER IMPORTANT)
  + <https://www.youtube.com/watch?v=3krC2c56ceQ>

Apple’s SwiftUI Tutorials (Make sure to take the quiz at the end of all tutorials)

<https://developer.apple.com/tutorials/swiftui>

* Creating and Combining Views
  + Basic front-end concepts and ideas
* Building Lists and Navigation
  + Draws information from a json file. Might be a bit confusing there
* Handling User Input
  + Try to get the most out of @Environment objects mean
* Drawing Paths and Shapes (Optional)
  + Not that important but looks fun
* Animating Views and transitions
  + Doesn’t cover as much animation information as the Stanford lecture but still a good review

Pure Frontend Demo:

* <https://www.youtube.com/watch?v=-3V8ogbcCaE>
* <https://www.youtube.com/watch?v=dfH9rBJOOrA>
* <https://www.youtube.com/watch?v=ahUNAK4LnsQ&list=PL3MWPU0RhJzGgjPStzYaqBks3eBEPhbdZ&index=3>

Navigation Guide:

* <https://www.youtube.com/watch?v=nA6Jo6YnL9g>

Transition Between Views using Observable Objects or without using Navigation Views:

* <https://blckbirds.com/post/how-to-navigate-between-views-in-swiftui-by-using-an-bindableobject/>
* <https://stackoverflow.com/questions/58560649/how-can-you-switch-views-without-having-a-navigationview-or-an-popover>

Animation Demo:

* <https://www.youtube.com/watch?v=zUdBGuyeV90> (Use this in the demo when calculating backend info)