React.js

Add your sources to the citations at the bottom as you go!

Tutorials we should all look at:

* Interactive tutorial - <https://reactjs.org/tutorial/tutorial.html#inspecting-the-starter-code>
* Guide to the main concepts - <https://reactjs.org/docs/hello-world.html>

Learning objectives

Background

Applications & interactions with other frameworks

Basic Features - Micaela, Nathan, Hunter

* Main Concepts according to Reactjs.org
  + 1. Hello World
  + 2. Introducing JSX - Micaela
  + 3. Rendering Elements - Micaela
  + 4. Components and Props - Micaela
  + 5. State and Lifecycle - Nathan
  + 6. Handling Events - Nathan
  + 7. Conditional Rendering - Nathan
  + 8. Lists and Keys
  + 9. Forms
  + 10. Lifting State Up - Hunter
  + 11. Composition vs Inheritance - Hunter
  + 12. Thinking In React

Interactive stuff:

Questions to assess student understanding that could be used on a final exam - (required in submission materials)

Citations

* [Tutorial: Intro to React – React (reactjs.org)](https://reactjs.org/tutorial/tutorial.html#inspecting-the-starter-code)
* <https://reactjs.org/docs/hello-world.html>
* [React vs other Frameworks (Comparison in 3 aspects)](https://javascript.plainenglish.io/react-vs-other-frameworks-a-comparison-in-3-aspects-756ab84b8d95)
* [comparison of the best frontend JavaScript frameworks](https://javascript.plainenglish.io/best-frontend-javascript-framework-96ecef9791fa)