**Hello and welcome!**

I am here to speak about the React programming language. I’ll give you an introduction, then we will build an application, which is one of the best ways to learn.

Hopefully, you have some familiarity with HTML and JavaScript, but it is not required. Features from ES6 – a recent version of JavaScript will be used for this course.

Please see other courses available on Skillshare.com for these classes if you can, the more knowledge and experience you gain, the better.

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What is React?

React is the visual aspect of websites. Think of it as the interior of a car, if you will. A declarative, efficient, and flexible JavaScript library for building user interfaces. It lets you compose complex UIs from small and isolated pieces of code called “components”.

React “the V in the MVC structure”.

The answer is that React doesn’t necessarily want to replace our views — it wants to augment them by allowing you to create highly reusable UI components

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Using CodePen.

Codepen a useful development environment for web design and development. The site is: <https://codepen.io/>

What is React

Why use React

Set up environment

Check for updated NodeJS or download: <https://nodejs.org/en/>

npm -g install npm

(the g is global so that you can have it on the machine and not the directory)  -needs verification

Now we

npm install -g create-react-app  
create-react-app my-app

react start my-app

Congratulations! You created a React Application! Time to open it up to see what is inside.

Now we move on to a more useful app. We will create a To Do List.

Find src and erase its contents?

What about a shopping list?

class ShoppingList extends React.Component {

render() {

return (

<div className="shopping-list">

<h1>Shopping List for {this.props.name}</h1>

<ul>

<li>Instagram</li>

<li>WhatsApp</li>

<li>Oculus</li>

</ul>

</div>

);

}

}