

Intro to React and Hooks: Syllabus

January 13, 2020 / 6:00 PM - 7:00PM EST

Important Links

[Workshop Hackpack](#)

Pre-workshop checklist, and resources to explore during and after the workshop.

[The official #HackTheNorth 2020++ event schedule](#)

Check this out to stay up-to-date on activities, workshops, and other key happenings this weekend.

Motivator

In this introductory React workshop, you will extend your frontend development knowledge beyond basic HTML, CSS, and JavaScript. React is one of the most popular and widely used frontend libraries and can be used to scale and elevate web applications.

We will cover React fundamentals and set you up with everything you need to know to start your first React project. As a bonus, we'll be covering React Hooks, which transform and simplify the way we write React applications!

Prerequisite Knowledge

In order to get the most out of this workshop you should be comfortable with the following concepts:

- Basic JavaScript Syntax
- Basic HTML and CSS knowledge
- Basic understanding of the components that make a website

Learning Outcomes

This is what you will walk away from the workshop able to do:

1. Learn how to make the world's simplest React application
2. Create a simple web application in React using Create React App
3. Understand React hooks and how to refactor an existing application to use them

Timeline (1 hour)

Time	Module	Description
5 min.	Introduction	
15 min.	What is React?	We will learn what React is and why so many people and companies choose to use it. We will also build the world's simplest one page React app.
5 min.	Break	
15 min.	How to get started with React	We will learn how to start a new project using Create React App and build a restaurant app.
15 min.	React Hooks & Beyond	We will refactor our code to adopt React hooks and discuss why hooks are so powerful.