

React.js

Hamburg Coding School, 14.11. - 30.11.2022

Moritz Stückler

moritz@hamburgcodingschool.com

+49-172-3054265

Slack: @Moritz Stückler

Course channel: #fullstack-2022-3

Schedule

Mon, 14. November	18:00 - 21:00
Wed, 16. November	18:00 - 21:00
Fri, 18. November	18:00 - 21:00
Mon, 21. November	18:00 - 21:00
Wed, 23. November	18:00 - 21:00
Fri, 25. November	18:00 - 21:00
Mon, 28. November	18:00 - 21:00
Wed, 30. November	18:00 - 21:00

Die Diele, Borselstraße 7, 22765 Hamburg

Remote Channel: <https://around.co/r/hcsclasses>

Agenda

For orientation.

Topics can be changed according to the pace of the class.

- Introduction to React
 - Modern JavaScript, ES6 and beyond
 - The React framework
- React projects
 - npm and dependency management
 - Create-react-app
 - Components
 - JSX
- React foundations
 - State
 - Props
 - Hooks
 - Lifecycle of Components
 - Async React
- Single Page Applications (SPAs)
 - Front-end vs. back-end
 - Routing
 - Network communication (with Axios)
- Practical Project
 - Porting a project to React
 - Structure: Reusable Components and CSS
 - DOM interactions
 - Integration of 3rd-party libraries
 - Deployment
- Architecture
 - Flux pattern
 - Redux (store, reducers and selectors)
- Styling
 - CSS in JS and alternatives
 - styled-components
- Progressive Web Apps