

Full-Stack React

Node.js

Links

[Bootcamp Website](#)

<https://freecodingbootcamp.org>

[Schedule Free Intro with Instructor](#)

<https://calendly.com/avantutor/intro-session>

[Schedule Technical Interview](#)

<https://calendly.com/avantutor/bootcamp-interview>

Course description

Welcome to the free coding bootcamp! This bootcamp is tentatively scheduled to be 12 weeks long with daily live sessions from 6 PM - 8 PM pacific standard time via zoom. The curriculum is a hybrid of the odin project (<https://www.theodinproject.com/>), open source documentations and self developed parts.

Course objectives

The objective is simple: get you hired as a web-developer within 6 months of completion of this program. This objective will be met by helping you add to your coding portfolio, prepare you for tech interviews and helping you present yourself as an attractive developer candidate.

Expectations

FCB expects each student to act professional, be dedicated and conduct themselves as a team player. You are expected to put in the work and exhibit patience towards your fellow students (and instructor) at all times.

Hardware / Software Guidelines

FCB highly recommends using a mac (w/ 8GB RAM recommended). If you have a windows machine and cannot get a hold of a mac the next best thing is to install a version of linux. Instructions can be found here: [Odin Project Installation](#). In addition to software recommendation FCB highly recommends having an internet speed of at least 20 Mbps. You check your speed by googling "internet speed test" If you are getting less than that I highly recommend upgrading your internet or calling your ISP and fixing the issue.

Grading / Passing

There is no passing or failing but only completing or not completing the course. With that said in my experience (going through a bootcamp and CS Degree) the ones that exhibit great team behavior, are easy to work with and put 100% into each assignment/project generally succeed. Duh :)

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TIMELINE

Day 1

Day Month Date

- Meet your classmates
- What is expected
- Installations, Hardware Network Check
- Social Presents, Portfolio

Extra Notes:

Week 1

Date Range

- Day 1 - Web Intro, Git Basics, Command Lines
- Day 2 - HTML
- Day 3 - HTML
- Day 4 - HTML
- Day 5 - HTML

Extra Notes:

Week 2

Date Range

- Day 1 - CSS
- Day 2 - CSS
- Day 3 - CSS
- Day 4 - CSS
- Day 5 - CSS

Extra Notes:

Week 3

Date Range

- Day 1 - JavaScript Basics
- Day 2 - JavaScript Basics
- Day 3 - JavaScript Basics
- Day 4 - JavaScript Basics
- Day 5 - JavaScript Basics

Extra Notes:

Classroom

All sessions will be conducted via Zoom. I highly recommend turning video on during the session. This will help with building a group rapport. You must schedule each individual bootcamp session ahead of time using a private link. Most communications will be handled via Slack. I recommend keeping slack up and running at all times if possible...or not. Also, we will be using Trello to keep track of lectures and assignments. **NOTE:** Sessions might be live streamed via YouTube or Twitch!

Topics

- HTML/CSS
- JavaScript/jQuery
- Git/Github
- ES6/Modules/Webpack
- Asynchronicity
- React.js
- Backend as a Service (BaaS)
- Node.js / Express
- Mongo DB
- Bootstrap
- API'S!
- **BONUS:**
- Interview Coding Challenges!
- Creating and Hosting a Portfolio Page
- LinkedIn Review

Week 4

Date Range

Extra Notes:

- Day 1 - jQuery
- Day 2 - jQuery
- Day 3 - jQuery
- Day 4 - Interview Coding Exercises
- Day 5 - Interview Coding Exercises

Week 5

Date Range

Extra Notes:

- Day 1 - Objects, Factory Functions, Modules
- Day 2 - Objects, Factory Functions, Modules
- Day 3 - Objects, Factory Functions, Modules
- Day 4 - Classes, ES Modules
- Day 5 - Classes, ES Modules

Week 6

Date Range

Extra Notes:

- Day 1 - Intro to React
- Day 2 - React
- Day 3 - React
- Day 4 - React
- Day 5 - React

Week 7

Date Range

Extra Notes:

- Day 1 - React + BaaS
- Day 2 - React + BaaS
- Day 3 - React + BaaS
- Day 4 - JSON, ASYNC, API
- Day 5 - JSON, ASYNC, API

Week 8

Date Range

Extra Notes:

- Day 1 - JSON, ASYNC, API
- Day 2 - Node.js
- Day 3 - Intro to Node.js
- Day 4 - Node.js + Mongo
- Day 5 - Node.js + Mongo

Week 9

Date Range

Extra Notes:

- Day 1 - Intro to Full Stack Node.js + React.js
- Day 2 - Node.js + React.js
- Day 3 - Node.js + React.js
- Day 4 - Node.js + React.js
- Day 5 - Node.js + React.js

Week 10

Date Range

- Day 1 - Node.js + React.js
- Day 2 - Node.js + React.js
- Day 3 - Node.js + React.js
- Day 4 - Node.js + React.js
- Day 5 - Node.js + React.js

Extra Notes:

Week 11

Date Range

- Day 1 - Node.js + React.js
- Day 2 - Node.js + React.js
- Day 3 - Node.js + React.js
- Day 4 - Node.js + React.js
- Day 5 - Node.js + React.js

Extra Notes:

Week 12

Date Range

- Day 1 - Overflow / Career Preparation
- Day 2 - Overflow / Career Preparation
- Day 3 - Overflow / Career Preparation
- Day 4 - Overflow / Career Preparation
- Day 5 - Overflow / Career Preparation

Extra Notes: