



Full-Stack Web Developer Training Program

Front-end Cohort - Angular Development

code  LABS
POWERED BY  codefi



Class Introduction



Outside of Class

Video course/Learning Resources,
Office Hours, Community



Inside of Class

Lecture, Live Coding, Exercises, group
collaboration, pair programming

2022 Fall Front-end Schedule Outline

JavaScript

August 15 - Sept 12

Angular

Sept 15 - Nov 21

Git/Project Management

Nov 28

Group Project

Dec 1 - Dec 12

2022 Fall Front End Schedule Outline

Career Services/Project Presentations

Dec 15



Slack

What?

Slack is a workspace communication tool.

Instant Communication


Look for channel announcements such as course info, upcoming events and emergency notices.

Questions

Post your questions on the Slack channel.

Be sure to...

Download Slack on your pc or mobile phone to be prepared.



How can you get the most out of this curriculum?

- Watch all videos assigned
- Code Along with videos
- Come to Office Hours
- Create projects you are interested in
- Devote a minimum of 20 hours

Open to Questions

Set up and Installations

- Connect to **Wifi**

Set up and Installations

- Create a **GitHub account**
 - GitHub is a hosting service for git repositories.
 - A Git repository is where your project is kept.
 - GitHub makes it easy to collaborate with other developers.
 - Google “GitHub sign up” to create an account
 - <https://github.com/join>
 - Don't forget your email and password you use to sign up, we will use this later.

Set up and Installations

- Install **GitHub Desktop**
 - GitHub desktop is an application that enables you to interact with GitHub using a GUI instead of the command line or web browser.
 - Google "GitHub desktop install"
 - <https://desktop.github.com/>

Set up and Installations

- Install **Node.js**
 - Node.js runs on a JavaScript engine and executes JavaScript code.
 - Google “Nodejs install”
 - <https://nodejs.org/en/download/>

Set up and Installations

- Install **Visual Studio Code**
 - VS Code is a source code editor. A source code editor allows us to edit our code.
 - Google “install visual studio code”
 - <https://code.visualstudio.com/download>
- Install “Code Labs Extension Pack” extension
- Live Share demonstration
 - Live Share allows you to edit and debug with others in real time

Class 01

Intro to JavaScript



JavaScript

JavaScript is one of the core programming languages of the Web. Over 97% of websites use JavaScript to add interactivity and functionality to their page. You can use JavaScript to build interactive websites, mobile apps, backend APIs, desktop applications, and even machine learning projects!

Other Core Building Blocks



Html

HyperText Markup Language or HTML for short, is a language used for documents to display content onto the web browser.



CSS

Cascading Style Sheets or CSS for short, is the process of styling the document.

HTML



CSS

