Software Engineering Certificate

Group classes in NYC and onsite training is available for this course.
For more information, email corporate@nobledesktop.com or visit:
https://www.careercenters.com/certificates/software-engineering-certificate

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Course Outline

This package includes these courses

- Web Development with HTML & CSS (18 Hours)
- Advanced HTML & CSS (18 Hours)
- Flexbox, Grid, & Bootstrap (12 Hours)
- JavaScript for Front-End (18 Hours)
- Web Developer Tools: Git & Coding Tips (6 Hours)
- JavaScript Programming Bootcamp (18 Hours)
- React Development Bootcamp (60 Hours)
- JavaScript Development with Node, Express, & MongoDB (120 Hours)
- Web Development Industry & Portfolio (24 Hours)
- Python Programming Bootcamp (30 Hours)
- Python for Web Development with Django (60 Hours)

Web Development with HTML & CSS

- Build websites with HTML and CSS
- Create multi-page websites with text, images, and more
- Upload your files using FTP to deploy your site

Advanced HTML & CSS

- Use media queries to create layouts that are responsive (optimized for all screens sizes such as phones, tablets, and desktops)
- Dive deeper into CSS3 selectors and properties for more sophisticated styling
- Learn best practices to write cleaner, optimized CSS code

Flexbox, Grid, & Bootstrap

- Lay out and align webpage content with CSS Flexbox.
- Master CSS Grid and experience an entirely new way to think about laying out webpages.
- Learn how to use and skin Bootstrap (which uses Flexbox) to build out layouts quickly.

JavaScript for Front-End

- Write your own JavaScript to add animation and interactive functionality to your webpages.
- Understand how to use freely available JavaScript frameworks, including the industry standard: jQuery.
- Create animated slideshows with transitions such as fades or slides.
- Build animated image enlargers, show/hide additional content, and more.

Web Developer Tools: Git & Coding Tips

- What Git is and how it works
- How to track changes in your code using Git
- Work with other developers to merge your changes with theirs
- Installing and setting up Git
- Command line basics
- How to use Emmet, Sass (SCSS), and Sublime Text to code faster
- Use Sass variables to re-use CSS
- Navigate files faster using Sublime Text and Emmet.

JavaScript Programming Bootcamp

Learn the essentials of JavaScript programming to start creating web applications. You'll learn variables, functions, data types, asynchronous JavaScript, and more.

React Development Bootcamp

Build dynamic websites and applications with ReactJS and React Native. In this bootcamp, you'll develop several fully-functioning apps.

JavaScript Development with Node, Express, & MongoDB

- Synchronous and Asynchronous JavaScript in Node.js
- The purpose of Node Package Manager (NPM)
- The fundamentals of starting an Express.js server
- The Integration of MongoDB (a NoSQL database)
- Authentication and server security
- API Development

Web Development Industry & Portfolio

How do you navigate the waters of finding employment as a developer? Where do I start? What do I need to know? What does a typical day look like in the web development industry? Take this course to get your questions answered and build your portfolio.

Python Programming Bootcamp

- Learn the fundamentals of Python programming

- Navigate and analyze tech documentation to solve errors
- Complete independent coding projects

Python for Web Development with Django

Learn the Django framework to develop web applications. You'll learn URL dispatchers, querying models, and automating tasks with Django. Then move on to Django REST (a Django framework) which covers how to work with images, authentication, and using API endpoints.