

Learn to Code with the Cleveland State University Coding Bootcamp

Study web development part-time or full-time with the Cleveland State University Coding Bootcamp powered by Fullstack Academy.

- Add in-demand coding skills to your resume
- Learn using an industry-driven curriculum and interactive labs
- Graduate with a portfolio of projects to show employers
- Receive job search support to help you get hired



Curriculum

Front-End Foundations	<p>Learn the fundamentals of coding and the basics of front-end web development which you will use throughout bootcamp.</p>	<ul style="list-style-type: none"> • Graphical User Interface • Command Line Interface • Development Environments • Git & GitHub • Intro to Front-End Development • JavaScript Fundamentals • CSS & HTML • Advanced Front-End Styling • Development Team Dynamics • Career Simulation - Front-End Foundations Project
Front-End Development	<p>Gain an in-depth understanding of front-end development by exploring and implementing arrays, loops, JavaScript functions, testing, and more.</p>	<ul style="list-style-type: none"> • Conditionals & Comparisons • Loops & Arrays • Objects & Methods • Functions • Debugging • Test-Driven Development • Writing JavaScript Tests • Document Object Model • Async/Await • Career Simulation - Front-End Development Project
Development Libraries	<p>Get hands-on experience creating functional components, recognizing and composing JSX syntax, and using React for JavaScript development.</p>	<ul style="list-style-type: none"> • State & Props • React Router • React Component Libraries • Hooks • Redux • Writing Front-End & React Tests • Continuous Integration • Authentication • Career Simulation - React Project

Please note that this is a sample curriculum and is subject to change.

Curriculum

Back-End Development	Recognize and analyze the structure of a Node Express server and become familiar with API Routes and Structured Query Language.	<ul style="list-style-type: none"> • Back-End Fundamentals • Structured Query Language (SQL) • API Routes • Database Abstractions • Advanced API • Writing Back-End Tests • Career Simulation - Back End Project
Full-Stack Development	Use this time to build or expand your project portfolio.	<ul style="list-style-type: none"> • Career Simulation - Full-Stack Development Projects • Algorithms & Data Structures • Future Planning for Self-Directed Learning
Career Success	Throughout bootcamp and beyond you'll receive career preparation assistance and job search support.	<ul style="list-style-type: none"> • Build a technical resume & craft cover letters • Optimize your LinkedIn profile & network within the industry • Train for future interviews & career-related negotiations

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