Coding Foundations Guide List

Digital Foundations & Tech Industry Trends
Coding Foundations
Bottega Support Application Overview
What is Digital Literacy?
Why does Digital and Coding Literacy Matter?
Tech Terms and Concepts
Digitization, Data, and Analytics
Personality Types and Technical Careers
What are Tech Careers?
Tech Trends and Careers

HTML & CSS Foundations
Unit 2 Objectives
What is HTML?
What is CSS?
HTML CSS Course Introduction
What are HTML and CSS?
The Website We're Going to Build in the HTML/CSS Course
Tools We'll Use in the Course and Basic HTML Structure Overview
Introduction to Using CSS Styles
How the CSS Cascading Process Works
Guide to HTML Links
Working with the div Tag in HTML
Guide to HTML Classes and IDs
Introduction to Flexbox
Guide to Padding in CSS
Guide to Margin in CSS
Course Update: New Import for Font Awesome
Integrating Icons with Font Awesome
How to Select and Style Child Tag Elements
Introduction to CSS Grid
How to Import and Use Custom Fonts in HTML
How to Import and Style Images in HTML
Refactoring the CSS Code to Use More Specific Selectors
Integrating Flexbox Inside of a CSS Grid Container to Align Items
Introduction to CSS Animations
Styling the Right Column of the Navigation Bar
Finalizing the Navigation Bar and Organizing the Style Files to Conform with Development Best Practices
How to Build a Parallax Scrolling Feature
Adding Text Overlays On Top of the Parallax Image
Adding the HTML Structure and Icons for the Feature Section of the Homepage
How to Create Columns with Animated Hover Effects in CSS
Working with nth Child Selectors in CSS
How to Work with Box Shadows in CSS
How to Embed a Google Map into a Website

JavaScript Foundations

Command-Line Fundamentals

Development Skills

Slowing Down to Learn How to Code Faster
Mental Models for Learning How to Code and Improve as a Developer
Practical Ways to Use the Pomodoro Technique as a Developer
Development Study Tips: Reverse Note Taking
Task Switching Costs for Developers
The Power of Making Mistakes – Learning by Failing
Learn How to Code from Scratch – A Practical Strategy
Developer Learning Curve – Why Learning How to Code Takes So Long?
Three Practical Approaches to Task Management
Speed Reading for Developers
From Copy Paste to Comprehension
How to Break Through the Cycle of Procrastination
Introduction to Asynchronous Method Calls
An Introduction to AI and How Artificial Intelligent Agents See the World
Guide to the Model View Controller Architecture
Object Oriented Inheritance Tutorial for Developers
Guide to CSS Selectors for Web Developers and Designers
Best Practices vs Creativity as a Developer
A Developer's Guide to Content Delivery Networks (CDNs)

Management Capabilities
How to Discover and Manage Your Strengths
Agile Project Management
Learn management skills
Management Skills Concept Quiz

Teamwork
What is teamwork?
Scrum vs Kanban
Teamwork Concept Quiz

FInal Project & Exam
Digital and Coding Literacy Capstone Project
End of Course Evaluation (response required)