

Unit 01: Introduction to Web Development, HTML, CSS, and Git - Week 1

- **Opens html files in your default browser from VS Code** - Day 2
 - <https://marketplace.visualstudio.com/items?itemName=techer.open-in-browser>
- **Semantic HTML** - Day 2
 - <https://developer.mozilla.org/en-US/docs/Glossary/Semantics>
- **HTML FLOWCHART** - Day 2
 - <http://html5doctor.com/downloads/h5d-sectioning-flowchart.pdf>
- **CSS Resources** - Day 2
 - <https://developer.mozilla.org/en-US/docs/Web/CSS/Reference>
- **CSS Zen Garden (HTML/CSS Examples)** - Day 2
 - <http://www.csszengarden.com/>
- **Video Review of the Student Bio Activity** - Day 2
 - <https://www.youtube.com/watch?v=kMBinXTCrXI&list=PLgJ8UgkiorCnMLsUevoQRxH8t9bt7ne14&index=2>
- **Paths** - Day 3
 - <https://css-tricks.com/quick-reminder-about-file-paths/>
- **CSS Layouts** - Day 3
 - <http://learnlayout.com/no-layout.html>
- **CSS Floats** - Day 3
 - <https://css-tricks.com/all-about-floats/>
- **Floats in CSS Video Walkthrough** - Day 3
 - <https://youtu.be/0lpxKw6E90Y>
- **Positioning in CSS Video Walkthrough** - Day 3
 - <https://youtu.be/sHfJn0jqBro>
- **Positioning in CSS Video** - Day 3
 - <https://www.youtube.com/watch?v=yWXgnQaWSW0&feature=youtu.be>
- **Collapsed Margins** - Day 3
 - <https://css-tricks.com/what-you-should-know-about-collapsing-margins/>
- **History of Clearfix** - Day 3
 - <https://css-tricks.com/snippets/css/clear-fix/>
- **CSS - Single pseudo colon vs Double pseudo colon** - Day 3
 - <https://css-tricks.com/to-double-colon-or-not-do-double-colon/>
- **Floats Activity Video Walkthrough** - Day 3
 - <https://www.youtube.com/watch?v=0lpxKw6E90Y>
- **CSS Box Sizing** - Day 3
 - <https://css-tricks.com/box-sizing/>

Unit 02: CSS-Bootstrap - Week 2

- **Specificity** - Day 1
 - <https://css-tricks.com/specifics-on-css-specificity/>
- **Difference Between the 3 Types of CSS Styles: Inline, External and Internal** - Day 1
 - <https://www.hostinger.com/tutorials/difference-between-inline-external-and-internal-css>
- **CSS Reset** - Day 1
 - <https://meyerweb.com/eric/tools/css/reset/>
- **Github Pages** - Day 1
 - <https://pages.github.com/>
- **Google Fonts** - Day 2
 - <https://fonts.google.com/>
- **Font Awesome** - Day 2
 - <https://fontawesome.com/>
- **TypePlate** - Day 2
 - <http://typeplate.com/>
- **More on Hover** - Day 2
 - <http://ianlunn.github.io/Hover/>
- **Twitter Bootstrap** - Day 2
 - <https://getbootstrap.com>
- **More info on the BEM Principle** - Day 2
 - <http://getbem.com/>
- **Video Guide for Activity 14-TextLayout** - Day 3
 - <https://www.youtube.com/watch?v=wQovwgW020g>
- **Video Guild for Activity 18-StudentMedia** - Day 3
 - https://www.youtube.com/watch?v=x_wlcp-W27c
- **Viewport on W3Schools** - Day 3
 - http://www.w3schools.com/css/css_rwd_viewport.asp
- **Viewport Emulator** - Day 3
 - <http://www.viewportemulator.com/>

Unit 03: JavaScript - Week 3

- **What is JavaScript?** - Day 1
 - <https://javascript.info/intro>
- **Why do array indexes start at zero** - Day 1
 - <https://medium.com/@albertkoz/why-does-array-start-with-index-0-65ffc07cbce8>
- **Variables - Simple Definition** - Day 1
 - https://www.w3schools.com/js/js_variables.asp
- **Variables - Digging Deeper** - Day 1
 - <https://www.javascripttutorial.net/javascript-variables/>
- **Variable Data Structures - Now we're cookin** - Day 1
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Data_structures
- **for loops** - Day 2
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Loops_and_iteration
- **Why array.length - 1** - Day 2
 - <https://stackoverflow.com/questions/35024593/what-does-array-length-1-mean-in-javascript>
- **18-ZooLoop Video Walkthrough** - Day 2
 - https://www.youtube.com/watch?v=zJO9g7S2_Xo
- **charAt()** - Day 2
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String/charAt
- **Random Numbers in JS** - Day 2
 - https://www.kirupa.com/html5/random_numbers_js.htm
- **Functions** - Day 3
 - <https://codeburst.io/javascript-functions-understanding-the-basics-207dbf42ed99>
 - https://eloquentjavascript.net/03_functions.html
 - <https://www.tutorialsteacher.com/javascript/javascript-function>
- **Objects** - Day 3
 - <https://javascript.info/object>
 - <https://www.tutorialsteacher.com/javascript/javascript-object>
 - https://eloquentjavascript.net/04_data.html#h_cqg63Sxe3o
- **this in objects** - Day 3
 - <https://javascript.info/object-methods#this-in-methods>
 - <https://medium.com/better-programming/understanding-the-this-keyword-in-javascript-cb76d4c7c5e8>
- **global window object** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/Window>
 - <https://developer.mozilla.org/en-US/docs/Web/API/Window/location>
 - <https://developer.mozilla.org/en-US/docs/Web/API/Window/navigator>
 - <https://developer.mozilla.org/en-US/docs/Web/API/Navigator/geolocation>

VS Code Extentions - Week 3a

- **Auto Close Tag** - Day
 - <https://marketplace.visualstudio.com/items?itemName=formulahendry.auto-close-tag>
- **Bracket Pair Colorizer** - Day
 - <https://marketplace.visualstudio.com/items?itemName=CoenraadS.bracket-pair-colorizer>
- **HTML CSS Support** - Day
 - <https://marketplace.visualstudio.com/items?itemName=ecmel.vscode-html-css>
- **Indent Rainbow** - Day
 - <https://marketplace.visualstudio.com/items?itemName=oderwat.indent-rainbow>
- **Live Server** - Day
 - <https://marketplace.visualstudio.com/items?itemName=ritwickdey.LiveServer>
- **Prettier Code Formatter** - Day
 - <https://marketplace.visualstudio.com/items?itemName=esbenp.prettier-vscode>
- **Project Manager** - Day
 - <https://marketplace.visualstudio.com/items?itemName=alefragnani.project-manager>
- **Turbo Console Log** - Day
 - <https://marketplace.visualstudio.com/items?itemName=ChakrounAnas.turbo-console-log>
- **VS Code Icons** - Day
 - <https://marketplace.visualstudio.com/items?itemName=vscode-icons-team.vscode-icons>
- **VS Code Spotify** - Day
 - <https://marketplace.visualstudio.com/items?itemName=shyykoserhiy.vscode-spotify>

Unit 04: Web-APIs - Week 4

- **DOM** - Day 1
 - https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model
- **Great Blog on DOM Traversal** - Day 1
 - <https://zellwk.com/blog/dom-traversals/>
- **Difference between childNodes and children** - Day 1
 - <https://stackoverflow.com/a/7935719/>
- **document.getElementById** - Day 1
 - <https://developer.mozilla.org/en-US/docs/Web/API/Document/getElementById>
- **document.querySelectorAll** - Day 1
 - <https://developer.mozilla.org/en-US/docs/Web/API/Document/querySelectorAll>
- **document.querySelector** - Day 1
 - <https://developer.mozilla.org/en-US/docs/Web/API/Document/querySelector>
- **setTimeout and setInterval** - Day 1
 - <https://javascript.info/settimeout-setinterval>
- **Events Web APIs** - Day 2
 - https://developer.mozilla.org/en-US/docs/Web/API/Mouse_Events
 - <https://developer.mozilla.org/en-US/docs/Web/API/MouseEvent>
- **event.preventDefault** - Day 2
 - <https://developer.mozilla.org/en-US/docs/Web/API/Event/preventDefault>
- **event.stopPropagation** - Day 2
 - <https://developer.mozilla.org/en-US/docs/Web/API/Event/stopPropagation>
- **event Delegation** - Day 2
 - <https://medium.com/@bretdoucette/part-4-what-is-event-delegation-in-javascript-f5c8c0de2983>
- **Math.max()** - Day 3
 - [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/max#:~:text=Getting%20the%20maximum%20element%20of,%2C%20b\)%20%7B%20return%20Math](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/max#:~:text=Getting%20the%20maximum%20element%20of,%2C%20b)%20%7B%20return%20Math)
- **localStorage** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/Window/localStorage>
- **sessionStorage** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/Window/sessionStorage>
- **JSON.stringify()** - Day 3
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/JSON/stringify
- **JSON.parse()** - Day 3
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/JSON/parse

- **Cookies** - Day 3
 - https://www.w3schools.com/js/js_cookies.asp
- **Data Attributes** - Day 3
 - https://developer.mozilla.org/en-US/docs/Learn/HTML/Howto/Use_data_attributes
- **element.matches()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/Element/matches>
- **splice()** - Day 3
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/splice

Unit 05: Third-Party-APIs - Week 5

- **DOM Manipulation** - Day 1
 - <https://css-tricks.com/dom/>
- **jQuery.com** - Day 1
 - <https://jquery.com/>
- **jQuery ToDo's Example** - Day 1
 - <http://todomvc.com/examples/jquery/#/all>
- **jQuery DrinkList Video Review** - Day 1
 - https://www.youtube.com/watch?v=9_9-NeU2L_U
- **jQuery Sandwich Click Video Review** - Day 1
 - <https://www.youtube.com/watch?v=6BLReDBUZRk>
- **jQuery Lottery Generator Video Review** - Day 1
 - <https://www.youtube.com/watch?v=Nh4wxhzePIs>
- **jQuery to Vanilla JS - Has great examples of jQuery syntax and their vanilla JS counterparts** - Day 1
 - <https://tobiasahlin.com/blog/move-from-jquery-to-vanilla-javascript/>
- **More info on JS's Math.random()** - Day 1
 - <https://hackernoon.com/how-does-javascripts-math-random-generate-random-numbers-ef0de6a20131>
 - <https://stackoverflow.com/questions/1062902/how-random-is-javascripts-math-random>
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math/random
 - <https://www.oreilly.com/library/view/javascript-cookbook/9781449390211/ch04.html>
- **document.ready()** - Day 1
 - <https://learn.jquery.com/using-jquery-core/document-ready/>
 - <https://api.jquery.com/ready/>
- **Lexical Scoping** - Day 2
 - <https://spin.atomicobject.com/2014/10/20/javascript-scope-closures/>
- **Great explanation of why Scope 2's inner function logs the window** - Day 2
 - <https://stackoverflow.com/a/15487162/2112423>
- **Closures** - Day 2

- <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Closures>

Unit 06: Server-Side-APIs - Week 6

- **JSON Formatter Chrome Extension** - Day 1
 - <https://chrome.google.com/webstore/detail/json-formatter/bcjindcccaagfpapjjmafapmmgkkhgoa/related?hl=en>
- **RapidAPI Library** - Day 1
 - <https://rapidapi.com/>
- **OMDb API** - Day 1
 - <http://www.omdbapi.com/>
- **GIPHY SDK** - Day 1
 - <https://developers.giphy.com/docs/sdk/>
- **NYT Scraper** - Day 1
 - <http://nyt-mongo-scraper.herokuapp.com/>
- **Numbers API** - Day 1
 - <https://rapidapi.com/divad12/api/numbers-1>
- **Face++** - Day 1
 - <https://www.faceplusplus.com/face-detection/>
- **Pokemon API** - Day 1
 - <https://pokeapi.co/>
- **OpenWeather API** - Day 1
 - <https://openweathermap.org/api>
- **jQuery AJAX** - Day 1
 - <https://api.jquery.com/jquery.ajax/>
 - <https://www.sitepoint.com/use-jquery-ajax-function/>
- **NY Times Article Search** - Day 3
 - <https://nytarticle-search-fsf.herokuapp.com/>
- **AJAX Triggered by Buttons Video Walkthrough Review** - Day 3
 - <https://www.youtube.com/watch?v=K1JDUkF94cs>
- **NYT API Signup** - Day 3
 - <https://developer.nytimes.com/signup>
- **NY Times Article App Video Walkthrough Review** - Day 3
 - <https://www.youtube.com/watch?v=QillhmeGYuk>

Unit 07: Project-1 - Week 7

- **Git Collaboration Workflow (Follow these steps to minimize conflicts!) - Day 1**
 - <https://github.com/scwebd/git-collaboration-workflow>
- **Learn Git Branching through Visualizations** - Day 1
 - <https://learngitbranching.js.org/>
- **Undoing Commits & Changes in Git** - Day 1
 - <https://www.atlassian.com/git/tutorials/undoing-changes>

Unit 08: Project-1-Contd - Week 8

- **None - Project Week 8 - Day**
 -

Unit 09: Node.js - Week 9

- **NodeJS Install - Day 1**
 - <https://nodejs.org/en/>
- **process.argv - Day 1**
 - https://nodejs.org/api/process.html#process_process_argv
- **Node Documentation for readFile - Day 1**
 - https://nodejs.org/api/fs.html#fs_fs_readfile_path_options_callback
- **Writing to Files in Node.js - Day 1**
 - <https://stackabuse.com/writing-to-files-in-node-js/#:~:text=place%20of%20fs.,writeFile%20.,while%20the%20file%20is%20written.>
- **Character Encoding - Day 1**
 - https://en.wikipedia.org/wiki/Character_encoding
- **Node fs module - Day 1**
 - https://nodejs.org/api/fs.html#fs_fs_appendfile_path_data_options_callback
- **Node source code for fs - Day 1**
 - <https://github.com/nodejs/node/blob/master/lib/fs.js>
- **module.exports documentation - Day 1**
 - https://nodejs.org/api/modules.html#modules_module_exports
- **more on module.exports - Day 1**
 - <https://www.sitepoint.com/understanding-module-exports-exports-node-js/>
- **npmjs.org - Day 1**
 - <https://www.npmjs.com/>
- **NPM About Page - Day 1**
 - <https://docs.npmjs.com/about-npm/>
- **Open Source Initiative - Day 1**
 - <https://opensource.org/licenses/ISC>
- **Github licensing page - Day 1**
 - <https://help.github.com/en/articles/licensing-a-repository>
- **NPM Docs for creating a package.json file - Day 1**
 - <https://docs.npmjs.com/creating-a-package-json-file>
- **NPM Install Documentation - Day 1**
 - <https://docs.npmjs.com/cli/install>
- **NPM Inquirer Documentation - Day 1**
 - <https://www.npmjs.com/package/inquirer>
- **MDN Docs for JSON.stringify() - Day 1**

- https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/JSON/stringify
- **JavaScript ES6+: var, let, or const? - Day 2**
 - <https://medium.com/javascript-scene/javascript-es6-var-let-or-const-ba58b8dcde75>
- **JavaScript: Arrow Functions for Beginners: - Day 2**
 - <https://codeburst.io/javascript-arrow-functions-for-beginners-926947fc0cdc>
- **When NOT to Use Arrow Functions: - Day 2**
 - <https://dmitripavlutin.com/when-not-to-use-arrow-functions-in-javascript/>
- **ES6 In Depth: Iterators and the for-of loop: - Day 2**
 - <https://hacks.mozilla.org/2015/04/es6-in-depth-iterators-and-the-for-of-loop/>
- **JavaScript — The Conditional (Ternary) Operator Explained: - Day 2**
 - <https://codeburst.io/javascript-the-conditional-ternary-operator-explained-cac7218beeff>
- **Mastering JavaScript's && and || logical operators: - Day 2**
 - <https://blog.usejournal.com/mastering-javascripts-and-logical-operators-fd619b905c8f>
- **Array Map, Filter and Reduce in JS: - Day 2**
 - <https://atendesigngroup.com/blog/array-map-filter-and-reduce-js>
- **What are Template Literals? (a useful alternative to string concatenation): - Day 2**
 - <https://codeburst.io/javascript-what-are-template-literals-5d08a50ef2e3>
- **A Dead Simple intro to Destructuring JavaScript Objects: - Day 2**
 - <https://wesbos.com/destructuring-objects/>
- **axios npm - Day 3**
 - <https://www.npmjs.com/package/axios>
- **Axios JS & Node.js a match made in heaven for API consumption - Day 3**
 - <https://www.newline.co/@AoX04/axios-js-and-nodejs-a-match-made-in-heaven-for-api-consumption--bf0618b1>
- **node-axios - Day 3**
 - <https://flaviocopes.com/node-axios/>
- **Promises MDN - Day 3**
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promise
- **Promise Constructor MDN - Day 3**
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promise/Promise
- **A Complete Guide on How to Use Promises in JavaScript - Day 3**
 - <https://levelup.gitconnected.com/how-to-use-promises-in-javascript-real-time-24332f4f3f6f>
- **Master the JavaScript Interview: What is a Promise? - Day 3**
 - <https://medium.com/javascript-scene/master-the-javascript-interview-what-is-a-promise-27fc71e77261>
- **JS Promises - Day 3**
 - <https://scotch.io/tutorials/javascript-promises-for-dummies>

- **Async/Await** - Day 3
 - <https://javascript.info/async-await>
- **6 Reasons Why JavaScript Async/Await Blows Promises Away (Tutorial)** - Day 3
 - <https://hackernoon.com/6-reasons-why-javascripts-async-await-blows-promises-away-tutorial-c7ec10518dd9>
- **Async/Await Cheatsheet** - Day 3
 - <https://www.codecademy.com/learn/introduction-to-javascript/modules/asynch-js/cheatsheet>
- **Mastering Async Await in Node.js** - Day 3
 - <https://blog.risingstack.com/mastering-async-await-in-nodejs/>

Unit 10: OOP - Week 10

- **JS Constructors** - Day 1
 - https://www.w3schools.com/js/js_object_constructors.asp
 - <https://css-tricks.com/understanding-javascript-constructors/>
 - <https://www.youtube.com/watch?v=23AOrSN-wmI>
- **Prototypes** - Day 1
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object/constructor
 - <https://medium.com/better-programming/prototypes-in-javascript-5bba2990e04b#:~:text=When%20a%20function%20is%20created%20in%20JavaScript%2C%20the%20JavaScript%20engine,prototype%20object%20is%20a%20property>
 - https://www.youtube.com/watch?v=hS_WqkyUah8
- **Default parameters** - Day 2
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/Default_parameters
- **Jest** - Day 2
 - <https://www.npmjs.com/package/jest>
 - <https://jestjs.io/>
 - <https://www.valentinog.com/blog/jest/>
 - <https://blog.logrocket.com/testing-with-jest-from-zero-to-hero-85ce0e9cc953/>
 - <https://www.w3resource.com/jest/introduction.php>
- **AAA in Unit Testing** - Day 2
 - <https://medium.com/@pjbgtf/title-testing-code-ocd-and-the-aaa-pattern-df453975ab80>
- **Mocks in Jest** - Day 2
 - <https://medium.com/@rickhanlonii/understanding-jest-mocks-f0046c68e53c>
- **TDD** - Day 2
 - <https://www.freecodecamp.org/news/test-driven-development-what-it-is-and-what-it-is-not-41fa6bca02a2/>

- <https://www.guru99.com/test-driven-development.html>
 - <http://agiledata.org/essays/tdd.html>
 - <https://medium.com/javascript-scene/tdd-changed-my-life-5af0ce099f80>
- **es6 classes** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Classes>
 - <https://www.javascriptjanuary.com/blog/es6-classes>
 - <https://dmitripavlutin.com/javascript-classes-complete-guide/>
- **Some debate about JS Classes** - Day 3
 - <https://www.toptal.com/javascript/es6-class-chaos-keeps-js-developer-up>

Unit 11: Express - Week 11

- **http** - Day 1
 - <https://nodejs.org/docs/latest-v12.x/api/http.html>
- **http.createServer()** - Day 1
 - https://nodejs.org/api/http.html#http_http_createserver_options_requestlistener
- **res.writeHead()** - Day 1
 - https://nodejs.org/api/http.html#http_response_writehead_statuscode_statusmessage_headers
- **res.end()** - Day 1
 - https://nodejs.org/api/http.html#http_response_end_data_encoding_callback
- **difference between res.send() and res.end()** - Day 1
 - <https://stackoverflow.com/questions/29555290/what-is-the-difference-between-res-end-and-res-send/49242271#49242271>
- **__dirname** - Day 1
 - https://nodejs.org/docs/latest-v12.x/api/modules.html#modules_dirname
- **Postman** - Day 1
 - <https://www.postman.com/downloads/>
- **Heroku CLI** - Day 1
 - <https://devcenter.heroku.com/articles/heroku-cli>
- **Star Wars Express Video Walkthrough** - Day 2
 - <https://youtu.be/ygk-kNstqK0>
- **Heroku CLI Install guide** - Day 2
 - <https://du.bootcampcontent.com/denver-coding-bootcamp/DU-DEN-FSF-PT-06-2020-U-C/blob/master/11-express/04-Supplemental/HerokuGuide.md>
- **Example Star Wars App** - Day 2
 - <https://starwars-express-fsf.herokuapp.com/>
- **30 Seconds of Interviews** - Day 3
 - <https://30secondsofinterviews.org/>
- **express url and post params** - Day 3
 - <https://scotch.io/tutorials/use-expressjs-to-get-url-and-post-parameters>

- **building a restful api via express** - Day 3
 - <https://scotch.io/tutorials/build-a-restful-api-using-node-and-express-4>
- **Hot Restaurant App** - Day 3
 - <http://hot-restaurant.herokuapp.com/>
- **Hot Restaurant Video Walkthrough** - Day 3
 - https://youtu.be/G7RvQMW2DOg?list=PLgJ8UgkiorCml_wKKVt5FlkTG63sQF6rr
- **Express Router** - Day 3
 - <https://expressjs.com/en/guide/routing.html#express-router>
- **A way to organize your express routes** - Day 3
 - <https://chevtek.io/an-intuitive-way-to-organize-your-expressjs-routes/>

Unit 12: MySQL - Week 12

- **mysql tutorial site** - Day 1
 - <https://www.mysqltutorial.org/basic-mysql-tutorial.aspx>
- **mysql w3schools** - Day 1
 - <https://www.w3schools.com/sql/default.asp>
- **mysql cli tutorial** - Day 1
 - <https://dev.mysql.com/doc/refman/8.0/en/tutorial.html>
- **mysql npm package** - Day 2
 - <https://www.npmjs.com/package/mysql>
- **Differences between mysql and mysql2 in node.** - Day 2
 - <https://stackoverflow.com/questions/25344661/what-is-the-difference-between-mysql-mysql2-considering-nodejs#:~:text=The%20only%20difference%20is%20that,seen%20any%20data%20for%20that>
- **npm mysql - Performing queries** - Day 2
 - <https://github.com/mysqljs/mysql#performing-queries>
- **MySQL Workbench Table Data Import/Export** - Day 3
 - <https://dev.mysql.com/doc/workbench/en/wb-admin-export-import-table.html>
- **SQL Group By Tutorial** - Day 3
 - <https://www.freecodecamp.org/news/sql-group-by-clauses-explained/amp/>
- **Indexes** - Day 3
 - <https://atech.blog/viaduct/mysql-indexes-primer>
- **SQL Joins (Stolen from Cat :) Thanks Cat!** - Day 3
 - <https://youtu.be/9yeOJ0ZMUYw>

Unit 13: MVC - Week 13

- **handlebarsjs** - Day 2
 - <https://handlebarsjs.com/>
- **Express Handlebars** - Day 2

- <https://www.npmjs.com/package/express-handlebars>
- **REST API - Day 2**
 - <http://www.restapitutorial.com/lessons/whatisrest.html>
 - <https://www.smashingmagazine.com/2018/01/understanding-using-rest-api/>
- **MVC - Day 2**
 - <https://www.educba.com/what-is-mvc-design-pattern/>
 - <https://www.tutorialsteacher.com/mvc/mvc-architecture#:~:text=MVC%20stands%20for%20Model%2C%20View,data%20retrieved%20from%20the%20database>
 - <https://alistapart.com/article/javascript-mvc/>
 - <https://www.sitepoint.com/mvc-design-pattern-javascript/>
- **ORM - Day 2**
 - https://www.youtube.com/watch?v=dHQ-I7kr_SY
 - <https://blog.bitsrc.io/what-is-an-orm-and-why-you-should-use-it-b2b6f75f5e2a>
 - <https://stackoverflow.com/a/1279678>
- **Ruby on Rails Directory Structure (Similar to what we learned today) - Day 2**
 - <https://www.tutorialspoint.com/ruby-on-rails/rails-directory-structure.htm>
- **SQL Injection - Day 2**
 - https://en.wikipedia.org/wiki/SQL_injection

Unit 14: Full-Stack - Week 14

- **SEQUELIZE - Day 1**
 - <https://sequelize.org/master/index.html>
- **Sequelize CLI - Day 1**
 - <https://github.com/sequelize/cli>
 - <https://www.npmjs.com/package/sequelize-cli>
- **Sequelize Operators - Day 1**
 - <https://sequelize.readthedocs.io/en/2.0/docs/querying/#operators>
- **Sequelize - Day 2**
 - <http://docs.sequelizejs.com/class/lib/model.js~Model.html#static-method-findAll>
 - <http://docs.sequelizejs.com/class/lib/model.js~Model.html#static-method-create>
 - <http://docs.sequelizejs.com/class/lib/model.js~Model.html#static-method-update>
 - <http://docs.sequelizejs.com/class/lib/model.js~Model.html#static-method-destroy>
 - <http://docs.sequelizejs.com/en/latest/docs/querying/#where>
 - <http://docs.sequelizejs.com/class/lib/sequelize.js~Sequelize.html#instance-method-sync>
 - <https://sequelize.org/master/manual/validations-and-constraints.html>

- **Sequelize Model Types** - Day 3
 - <http://docs.sequelizejs.com/manual/tutorial/models-definition.html#data-types>
- **Sequelize belongsTo example** - Day 3
 - <https://github.com/sequelize/express-example/blob/legacy/models/task.js>
- **Sequelize hasMany example** - Day 3
 - <https://github.com/sequelize/express-example/blob/legacy/models/user.js>
- **Sequelize Additional Associations** - Day 3
 - <https://sequelize.org/master/manual/assocs.html>
- **Sequelize Eager Loading (Used for Joins)** - Day 3
 - <https://sequelize.org/master/manual/eager-loading.html>
- **MySQL Left Outer Join** - Day 3
 - https://www.w3schools.com/sql/sql_join_left.asp

Unit 15: Project-2 - Week 15

- **Connect Repo with Heroku Video** - Day 1
 - https://youtu.be/GgNcs9zIFSA?list=PLOFmg4xbN_TPrB6w4rThsFanVxJI_SfER
- **ESLINT** - Day 1
 - <https://eslint.org/>
- **Travis CI** - Day 1
 - <https://travis-ci.org/>
- **Github Actions** - Day 1
 - <https://github.com/features/actions>

Unit 16: Project-2-Contd - Week 16

- **None - Project Week 16** - Day
 -

Unit 17: NoSQL - Week 17

- **Mongojs Operators** - Day 1
 - <https://docs.mongodb.com/manual/reference/operator/>
- **MongoDB Commands Cheat Sheets** - Day 1
 - <https://dzone.com/articles/mongodb-commands-cheat-sheet-for-beginners>
 - <https://cheatography.com/isaeus/cheat-sheets/mongodb/pdf/>
- **Mongoose** - Day 2
 - <https://mongoosejs.com>
- **Potential Mongoose Deprecation Information** - Day 2
 - <https://mongoosejs.com/docs/deprecations.html>
- **Mongoose Validations** - Day 2
 - <https://mongoosejs.com/docs/validation.html>

- **Mongoose Instance Methods** - Day 2
 - <https://mongoosejs.com/docs/guide.html#methods>
- **Mongoose Populate** - Day 2
 - <https://mongoosejs.com/docs/populate.html>
- **Using IndexedDB** - Day 3
 - https://developer.mozilla.org/en-US/docs/Web/API/IndexedDB_API/Using_IndexedDB
- **IDBFactory Open** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBFactory/open>
- **keyPath** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/keyPath>
- **createIndex()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/createIndex>
- **createObjectStore()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBDatabase/createObjectStore>
- **autoIncrement KeyPath** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/autoIncrement>
- **add()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/add>
- **get()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/get>
- **getAll()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/getAll>
- **transaction()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBDatabase/transaction>
- **index()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/index>
- **openCursor()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/openCursor>
- **update()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBCursor/update>
- **continue()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBCursor/continue>
- **clear()** - Day 3
 - <https://developer.mozilla.org/en-US/docs/Web/API/IDBObjectStore/clear>

Unit 18: PWA - Week 18

- **Lighthouse** - Day 1

- <https://developers.google.com/web/tools/lighthouse/>
- **Our example gallery app** - Day 1
 - <https://ancient-brushlands-76706.herokuapp.com/>
- **JSCompress** - Day 1
 - <https://jscompress.com/>
- **Compression NPM** - Day 1
 - <https://www.npmjs.com/package/compression>
- **Tiny PNG** - Day 1
 - <https://tinypng.com/>
- **IntersectionObserver (Lazy Loading)** - Day 1
 - https://developer.mozilla.org/en-US/docs/Web/Progressive_web_apps/Loading
- **Lazy Loading Attribute** - Day 1
 - <https://caniuse.com/loading-lazy-attr>
 - <https://html.spec.whatwg.org/multipage/urls-and-fetching.html#lazy-loading-attributes>
- **Using Service Workers** - Day 2
 - https://developer.mozilla.org/en-US/docs/Web/API/Service_Worker_API/Using_Service_Workers
- **caches.open()** - Day 2
 - <https://developer.mozilla.org/en-US/docs/Web/API/CacheStorage/open>
- **Web Manifest** - Day 2
 - <https://developer.mozilla.org/en-US/docs/Web/Manifest>
- **Great overview of PWA's** - Day 2
 - <https://web.dev/progressive-web-apps/>
- **PWABuilder open sourced from Microsoft** - Day 2
 - <https://www.pwabuilder.com/>
- **Other Examples** - Day 2
 - <https://www.digitalocean.com/community/tutorials/demystifying-the-service-worker-lifecycle>
- **Webpack Concepts** - Day 3
 - <https://webpack.js.org/concepts/>
- **Why Webpack** - Day 3
 - <https://webpack.js.org/concepts/why-webpack/>

Unit 19: React - Week 19

- **Create React App** - Day 1
 - <https://reactjs.org/docs/create-a-new-react-app.html>
- **Hello World** - Day 1
 - <https://facebook.github.io/react/docs/hello-world.html>
- **Introducing JSX** - Day 1
 - <https://facebook.github.io/react/docs/introducing-jsx.html>
- **Rendering Elements** - Day 1
 - <https://facebook.github.io/react/docs/rendering-elements.html>

- **Components and Props** - Day 1
 - <https://facebook.github.io/react/docs/components-and-props.html>
- **State and Lifecycle** - Day 2
 - <https://reactjs.org/docs/state-and-lifecycle.html>
- **Handling Events** - Day 2
 - <https://reactjs.org/docs/handling-events.html>
- **Lifting State Up** - Day 3
 - <https://facebook.github.io/react/docs/lifting-state-up.html>
- **Uncontrolled Components** - Day 3
 - <https://facebook.github.io/react/docs/uncontrolled-components.html>
- **Controlled vs Uncontrolled Components** - Day 3
 - <https://blog.bitsrc.io/react-controlled-vs-uncontrolled-components-f569f4215ac9>
- **Smart and Dumb Components** - Day 3
 - https://medium.com/@dan_abramov/smart-and-dumb-components-7ca2f9a7c7d0
- **React Lifecycle Methods and When to Use Them** - Day 3
 - <https://engineering.musefind.com/react-lifecycle-methods-how-and-when-to-use-them-2111a1b692b1>
- **Two Really nice React Form Libraries** - Day 3
 - <https://react-hook-form.com/>
- **formik** - Day 3
 - <https://formik.org/>
- **Object Initializer Syntax** - Day 3
 - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Object_initializer#Computed_property_names
- **Info on Legacy Lifecycle Methods** - Day 3
 - <https://reactjs.org/blog/2018/03/27/update-on-async-rendering.html>
- **Conditional Rendering** - Day 3
 - <https://reactjs.org/docs/conditional-rendering.html>
- **React Router** - Day 3
 - <https://reactrouter.com/>

Unit 20: State - Week 20

- **React Hooks Docs** - Day 1
 - <https://reactjs.org/docs/hooks-intro.html>
- **A Complete Guide to useEffect()** - Day 1
 - <https://overreacted.io/a-complete-guide-to-useeffect/>
- **React: useEffect explained with lifecycle methods** - Day 1
 - <https://dev.to/prototyp/react-useeffect-explained-with-lifecycle-methods-296n>
- **useEffect Cleanup** - Day 1
 - <https://dev.to/otamnitrarn/react-useeffect-cleanup-how-and-when-to-use-it-2hbm>

- **List of React Hooks** - Day 1
 - <https://nikgraf.github.io/react-hooks/>
- **Pupster Walkthrough** - Day 1
 - https://www.youtube.com/watch?v=_l1cwxBLhBY&feature=youtu.be
- **A Visual Guide to State in React** - Day 1
 - <https://daveceddia.com/visual-guide-to-state-in-react/>
- **React 16 Lifecycle Methods: How and When to Use Them** - Day 1
 - <https://blog.bitsrc.io/react-16-lifecycle-methods-how-and-when-to-use-them-f4ad31fb2282>
- **HTML 'datalist' Element (a poor person's auto-complete)** - Day 1
 - <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/datalist>
- **Access HTML 'data-' Attributes onClick in React** - Day 1
 - <https://stackoverflow.com/questions/20377837/how-to-access-custom-attributes-from-event-object-in-react/20383295#20383295>
- **The Hitchhiker's Guide to React Router v4: [match, location, history] — your best friends!** - Day 1
 - <https://www.freecodecamp.org/news/hitchhikers-guide-to-react-router-v4-4b12e369d10/>
- **Pass props to a component rendered by React Router** - Day 1
 - <https://tylermcginnis.com/react-router-pass-props-to-components/>
- **Making a Progressive Web App in React (ie using service workers)** - Day 1
 - <https://create-react-app.dev/docs/making-a-progressive-web-app>
- **React Context API** - Day 2
 - <https://reactjs.org/docs/context.html>
- **React useContext** - Day 2
 - <https://reactjs.org/docs/hooks-reference.html#usecontext>
- **useReducer** - Day 3
 - <https://reactjs.org/docs/hooks-reference.html#usereducer>
- **useRef** - Day 3
 - <https://reactjs.org/docs/hooks-reference.html#useref>
- **Redux** - Day 3
 - <https://redux.js.org/>
- **3 Rules of React State Management** - Day 3
 - <https://dmitripavlutin.com/react-state-management/>
- **React State Management: React Hooks vs Redux** - Day 3
 - <https://tsh.io/blog/react-state-management-react-hooks-vs-redux/>
- **Styled Components** - Day 3
 - <https://styled-components.com/>
- **One Line CSS Layouts** - Day 3
 - <https://web.dev/one-line-layouts/>
- **How to replace the Create React App git remote URL to your own GitHub remote URL** - Day 3
 - <https://docs.github.com/en/free-pro-team@latest/github/using-git/changing-a-remotes-url>
- **WebGradients** - Day 3
 - <https://webgradients.com/>

Unit 21: MERN - Week 21

- **Food Lookup Demo - Day 1**
 - <https://github.com/fullstackreact/food-lookup-demo>

Unit 22: Computer-Science - Week 22

- **Binary and Linear Search Example - Day 1**
 - <https://www.cs.usfca.edu/~galles/visualization/Search.html>
- **VisualGo - Day 1**
 - <http://visualgo.net/>
- **Whiteboarding Overview and Questions - Day 1**
 - <https://coding-bootcamp-whiteboarding-algorithms.readthedocs-hosted.com/en/latest/>
- **VisualGo Sorting - Day 2**
 - <https://visualgo.net/en/sorting>
- **Topal.com Sorting Algorithms Visual - Day 2**
 - <https://www.toptal.com/developers/sorting-algorithms>
- **lodash.com - Day 2**
 - <https://lodash.com/>

Unit 23: Project-3 - Week 23

- **useAuth with Auth0 (front-end auth) - Day 1**
 - <https://github.com/Swizec/useAuth>
- **React Hooks back-end Local Passport Auth - Day 1**
 - <https://github.com/jaymascarenas/react-auth-hooks>
- **Another React Version - Day 1**
 - <https://medium.com/better-programming/building-basic-react-authentication-e20a574d5e71>

Unit 23: Project-3-Contd - Week 24

- **None - Project Week 23 - Day**
 -

Various Popular Libraries - Week 24

- **JamStack - Day 1**
 - <https://jamstack.org/>
- **GraphQL - Day 1**
 - <https://graphql.org/>

- **Netlify** - Day 1
 - <https://www.netlify.com/>
- **Cloudinary** - Day 1
 - <https://cloudinary.com/>
- **Begin** - Day 1
 - <https://begin.com/>
- **vercel** - Day 1
 - <https://vercel.com/>
- **Fauna** - Day 1
 - <https://fauna.com/>
- **NextJS** - Day 1
 - <https://nextjs.org/>
- **Mongodb Stitch** - Day 1
 - <https://www.mongodb.com/cloud/stitch>
- **Digital Ocean** - Day 1
 - <https://www.digitalocean.com/>
- **Hasura** - Day 1
 - <https://hasura.io/>
- **RedwoodJS** - Day 1
 - <https://redwoodjs.com/>
- **jsonbox** - Day 1
 - <https://jsonbox.io/>
- **Userbase** - Day 1
 - <https://userbase.com/>
- **takeshape** - Day 1
 - <https://www.takeshape.io/>
- **Glitch** - Day 1
 - <https://glitch.com/>
- **Whimsical** - Day 1
 - <https://whimsical.com/>
- **Framer Motion** - Day 1
 - <https://www.framer.com/motion/>