Web-Dev Curriculum Summer Session 2020

1. Introduction/Skills Assessment
   ○ Intro to Front End Development
   ○ Intro to HTML
      ■ Basics
      ■ Lists
      ■ Divs/Spans
      ■ Attributes

Project 1: Re-creation assignment.
   ○ Intro to CSS
      ■ Basics
      ■ Colours
      ■ Backgrounds and Borders
      ■ Inspector

Practice Exercise 1: Selectors
   ○ Intermediate HTML
      ■ Tables
      ■ Forms
      ■ Inputs
      ■ Labels & Validation

Practice Exercise 2: Forms & Tables
   ○ Intermediate CSS
      ■ Texts & Fonts
      ■ Google Fonts & Font Libraries
      ■ Boxes
      ■ Vertical and Horizontal Rules

Project 2: CSS Blog from scratch.
2. Bootstrap 4
   ○ A History Of/What is Bootstrap?
   ○ Forms & Inputs

- - Nav Bars
  - Grid System
  - Typography
  - Responsive Breakpoints

Practice Exercise 3: Startup Landing Page
- - Flex-box & Layout
    - Navs & Flexbox
    - The Grid

Project 3: Patterns and Goblins

3. Javascript
   - History of/What is
   - Variables
   - Null & undefined
   - Methods & Methodology

Practice Exercise 4: Calculator
- - Control Flow
    - Boolean Logic
    - Logical Operators
    - Conditionals
    - Intro to Loops

Practice Exercise 5: While Loops & For Loops
- - - For Loops Tricks & Tips
      - While Loops Uses
    - Functions
      - Arguments
      - Scopes and Bounds
      - Return

Quiz: Scopes, Bounds & Returns
- - - Arrays
      - Arrays Methods
      - Iterations

Practice Exercise 6: Iterations Challenge
- - - Objects
      - Objects vs Arrays
      - Nested Objects
      - Object Methodology
      - "This"

Final Skills Assessment