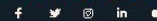


CONSTRUYENDO UNA REVISTA 13



OUR NEW CURRICULUM

By freeCodeCamp
March 7, 2019



Soon, the four CodeCamp organizers will be working on a new batch of learners.

Instead of 2 series of roofing challenges, you'll learn through building projects - step by step. Before we get into the details, let me emphasize we are not changing the certifications. All 6 certifications will still have the same 5 required projects. We are only changing the optional roofing challenges.

After years - years - of pondering these two problems and how to solve them, I slipped, hit my head on the sink, and when I came to I had a revelation! A vision! A picture in my head! A picture of this! This is what cradles have to do, possible the first experiment:

It wasn't as dramatic as Doc's evolution in *Back to the Future*. It just occurred to me while I was going for a run. The evolution: the math curriculum should be a series

A Brief History Of the Curriculum

The branched treeCodeGroup with a sample list of 15 members, including Kuroki's CMO and Genfeng's Distress Clerk.

22- X45
We added interactive algorithm
challenges.

W3 - JAG
The added cost over HTML+CSS challenges (before we'd been relying on Council Assembly's Desk cover for them).

We upgraded the curriculum to 9 certifications, including Front End, End, End, and Detail. They each had to complete projects, but only the Front End section had its own challenges. For the other ends, we were still using external resources like Trade School.

We added the brand and model data visualization challenges.

We - 26,422
We launched 6 new certifications
to replace our old ones. This was
the biggest cardinal
move to date.

of projects. Instead of individual coding challenges, we'll just have projects, each with their own, seamless mix of hints. Each hint gives you just enough information to figure out how to get it to pass. (And you can view hints if that isn't enough.)

'The entire curriculum should be a series of projects.'

No one wants of explanatory text.
 No one wants of text. Just one
 text at a time, so you build up
 writing project. Once the course of
 giving thousands of text, you
 build up projects and your own
 understanding of ending
 fundamentals. There is no
 transition between lessons and
 projects, because the lessons
 themselves are based in to projects.
 And there's plenty of repetition to

help you retain everything because
- hey - building projects in real
life has plenty of motivation.

The main design challenge is taking what is essentially paragraphs of explanation and instructions and putting them into a single test description text. Each project

will involve dozens of tests like this. People will be coding the noise flow, rather than switching back and forth from "reading words" to "reading words".

Instead of a series of coding challenges, people will be in their

code while running one test after another, quickly building up a project. People will get into a real flow state, similar to what they experience when they build the complex projects at the end of each certification. They'll get that sense of several projects right from the beginning. And Java CodeCamp will be a much more fun experience.



'The millions of people who are learning to code through FreeCodeCamp will have an even better resource to help them learn these fundamental skills.'



INDEX.HTML (revista 13)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Magazine</title>
    <link
      href="https://fonts.googleapis.com/css?family=Anton%7CBaskerville%7CRaleway&display=swap" rel="stylesheet"/>
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.2/css/all.css"/>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <main>
      <section class="heading">
        <header class="hero">
          
          <h1 class="hero-title">OUR NEW CURRICULUM</h1>
          <p class="hero-subtitle">
            Our efforts to restructure our curriculum with a more project-based
            focus</p>
        </header>
        <div class="author">
          <p class="author-
            name">By<a href="https://freecodecamp.org" target="_blank" rel="noreferrer">freeCodeCamp</a></p>
          <p class="publish-date">March 7, 2019</p>
        </div>
        <div class="social-icons">
          <a href="https://www.facebook.com/freecodecamp/"><i class="fab fa-facebookf"></i></a>
          <a href="https://twitter.com/freecodecamp/"><i class="fab fa-twitter"></i></a>
          <a href="https://instagram.com/freecodecamp"><i class="fab fa-instagram"></i></a>
          <a href="https://www.linkedin.com/school/free-code-camp/"><i class="fab fa-linkedin-in"></i></a>
          <a href="https://www.youtube.com/freecodecamp"><i class="fab fa-youtube"></i></a>
        </div>
      </section>
    </main>
  </body>
</html>
```

```
</a>
</div>
</section>
<section class="text">
  <p class="first-paragraph">Soon the freeCodeCamp curriculum will be 100% project-
  driven learning. Instead of a series of coding challenges, you'll learn through building projects -
  step by step. Before we get into the details, let me emphasize: we are not changing the certifications. All 6 c
  ertifications will still have the same 5 required projects. We are only changing the optional coding challenges.
  </p>
  <p>After years - years -
  of pondering these two problems and how to solve them, I slipped, hit my head on the sink, and when I came to I
  had a revelation! A vision! A picture in my head! A picture of this! This is what makes time travel possible: t
  he flux capacitor!
  </p>
  <p>It wasn't as dramatic as Doc's revelation in Back to the Future. It
  just occurred to me while I was going for a run. The revelation: the entire curriculum should be a series of p
  rojects. Instead of individual coding challenges, we'll just have projects, each with their own seamless serie
  s of tests. Each test gives you just enough information to figure out how to get it to pass. (And you can view
  hints if that isn't enough.)
  </p>
  <blockquote>
    <hr />
    <p class="quote">The entire curriculum should be a series of projects</p>
    <hr />
  </blockquote>
  <p>No more walls of explanatory text. No more walls of tests. Just one
  test at a time, as you build up a working project. Over the course of passing thousands of tests, you build up
  projects and your own understanding of coding fundamentals. There is no transition between lessons and projec
  ts, because the lessons themselves are baked into projects. And there's plenty of repetition to help you retai
  n everything because - hey - building projects in real life has plenty of repetition.
  </p>
  <p>The main design challenge is taking what is currently paragraphs of explanation and instructions and packing
  them into a single test description text. Each project will involve dozens of tests like this. People will be co
  ding the entire time, rather than switching back and forth from "reading mode" to "coding mode".
  </p>
  <p>Instead of a series of coding challenges, people will be in their code editor passing one test after another,
  quickly building up a project. People will get into a real flow state, similar to what they experience when the
```

y build the required projects at the end of each certification. They'll get that sense of forward progress right from the beginning. And freeCodeCamp will be a much smoother experience.

```
</p>
</section>
<section class="text text-with-images">
  <article class="brief-history">
    <h3 class="list-title">A Brief History</h3>
    <p>Of the Curriculum</p>
    <ul class="lists">
      <li>
        <h4 class="list-subtitle">V1 - 2014</h4>
        <p>We launched freeCodeCamp with a simple list of 15 resources,
          including Harvard's CS50 and Stanford's Database Class.
        </p>
      </li>
      <li>
        <h4 class="list-subtitle">V2 - 2015</h4>
        <p>We added interactive algorithm challenges.</p>
      </li>
      <li>
        <h4 class="list-subtitle">V3 - 2015</h4>
        <p>We added our own HTML+CSS challenges (before we'd been relying on
          General Assembly's Dash course for these).
        </p>
      </li>
      <li>
        <h4 class="list-subtitle">V4 - 2016</h4>
        <p>We expanded the curriculum to 3 certifications, including Front
          End, Back End, and Data Visualization. They each had 10 required
          projects, but only the Front End section had its own challenges.
          For the other certs, we were still using external resources like
          Node School.
        </p>
      </li>
      <li>
        <h4 class="list-subtitle">V5 - 2017</h4>
        <p>We added the back end and data visualization challenges.</p>
```

```

    </li>
    <li>
      <h4 class="list-subtitle">V6 - 2018</h4>
      <p>We launched 6 new certifications to replace our old ones. This was
        the biggest curriculum improvement to date.
      </p>
    </li>
  </ul>
</article>
<aside class="image-wrapper">
  
  
  <blockquote class="image-quote">
    <hr />
    <p class="quote">The millions of people who are learning to code through freeCodeCamp
      will have an even better resource to help them learn these fundamentals.</p>
    <hr />
  </blockquote>
  
</aside>
</section>
</main>
</body>
</html>

```

STYLES.CSS (revista 13)

```
*,
::before,
::after {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}

html {
  font-size: 62.5%;
}

body {
  font-family: 'Baskervville', serif;
  color: linen;
  background-color: rgb(20, 30, 40);
}

h1 {
  font-family: 'Anton', sans-serif;
}

h2, h3, h4, h5, h6 {
  font-family: 'Raleway', sans-serif;
}

a {
  text-decoration: none;
  color: linen;
}

main {
  display: grid;
```

```
    grid-template-columns: minmax(2rem, 1fr) minmax(min-content, 94rem) minmax(2rem, 1fr);
    row-gap: 3rem;
}
```

```
img {
    width: 100%;
    object-fit: cover;
}
```

```
hr {
    margin: 1.5rem 0;
    border: 1px solid rgba(120, 120, 120, 0.6);
}
```

```
.heading {
    grid-column: 2 / 3;
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    row-gap: 1.5rem;
}
```

```
.text {
    grid-column: 2 / 3;
    font-size: 1.8rem;
    letter-spacing: 0.6px;
    column-width: 25rem;
    text-align: justify;
}
```

```
.hero {
    grid-column: 1 / -1;
    position: relative;
}
```

```
.hero-title {
```

```
    text-align: center;
    color: orangered;
    font-size: 8rem;
}

.hero-subtitle {
    font-size: 2.4rem;
    color: orangered;
    text-align: center;
}

.author {
    font-size: 2rem;
    font-family: "Raleway", sans-serif;
}

.author-name a:hover {
    background-color: #306203;
}

.publish-date {
    color: rgba(255, 255, 255, 0.5);
}

.social-icons {
    display: grid;
    font-size: 3rem;
    grid-template-columns: repeat(5, 1fr);
    grid-auto-flow: column;
    grid-auto-columns: 1fr;
    align-items: center;
}

.first-paragraph::first-letter {
    font-size: 6rem;
```



```
    color: orangered;
    float: left;
    margin-right: 1rem;
}

.quote {
    color: #00beef;
    font-size: 2.4rem;
    text-align: center;
    font-family: "Raleway", sans-serif;
}

.quote::before {
    content: '" ' ;
}

.quote::after {
    content: ' "' ;
}

.text-with-images {
    display: grid;
    grid-template-columns: 1fr 2fr;
    column-gap: 3rem;
    margin-bottom: 3rem;
}

.lists {
    list-style-type: none;
    margin-top: 2rem;
}

.lists li {
    margin-bottom: 1.5rem;
}
```

```
.list-title, .list-subtitle {
  color: #00beef;
}

.image-wrapper {
  display: grid;
  grid-template-columns: 2fr 1fr;
  grid-template-rows: repeat(3, min-content);
  gap: 2rem;
  place-items: center;
}

.image-1, .image-3 {
  grid-column: 1 / -1;
}

@media only screen and (max-width: 720px) {
  .image-wrapper {
    grid-template-columns: 1fr;
  }
}

@media only screen and (max-width: 600px) {
  .text-with-images {
    grid-template-columns: 1fr;
  }
}

@media only screen and (max-width: 550px) {
  .hero-title {
    font-size: 6rem;
  }

  .hero-subtitle,
```

```
.author,  
.quote,  
.list-title {  
  font-size: 1.8rem;  
}
```

```
.social-icons {  
  font-size: 2rem;  
}
```

```
.text {  
  font-size: 1.6rem;  
}  
}
```

```
@media only screen and (max-width: 420px) {  
  .hero-title {  
    font-size: 4.5rem;  
  }  
}
```