# freeCodeCamp(A)

Our efforts to restructure our curriculum with a more project-based focus

By freeCodeCamp March 7, 2019









curriculum will be 100% challenges. project-driven certifications will still have the possible: the flux capacitor!

learning. After years - years - of pondering entire curriculum should be a Instead of a series of coding these two problems and how to series of projects. Instead of challenges, you'll learn through solve them, I slipped, hit my head individual coding challenges, we'll building projects - step by step. on the sink, and when I came to I just have projects, each with their Before we get into the details, let had a revelation! A vision! A own seamless series of tests. Each me emphasize: we are not picture in my head! A picture of test gives you just enough changing the certifications. All 6 this! This is what makes time travel information to figure out how to

same 5 required projects. We are It wasn't as dramatic as Doc's hints if that isn't enough.) revelation in Back to the Future. It —

freeCodeCamp only changing the optional coding just occurred to me while I was going for a run. The revelation: the get it to pass. (And you can view

in

# The entire curriculum should be a series of projects "

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 coding understanding fundamentals. There no transition between lessons and

projects, because the lessons time, rather than switching back beginning. And freeCodeCamp will And there's plenty of repetition to "coding mode". help you retain everything because Instead of a series of coding - hey - building projects in real life challenges, people will be in their has plenty of repetition.

taking what is currently paragraphs project. People will get into a real description text. Each project will required projects at the end of each

themselves are baked into projects. and forth from "reading mode" to be a much smoother experience.

code editor passing one test after The main design challenge is another, quickly building up a of explanation and instructions flow state, similar to what they and packing them into a single test experience when they build the involve dozens of tests like this. certification. They'll get that sense People will be coding the entire of forward progress right from the

# A Brief History

Of the Curriculum

#### V1 - 2014

We launched freeCodeCamp with a simple list of 15 resources, including Harvard's CS50 and Stanford's Database Class.

#### V2 - 2015

We added interactive algorithm challenges.

### V3 - 2015

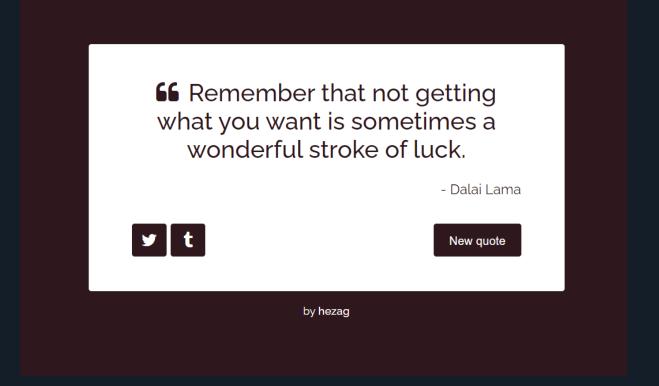
We added our own HTML+CSS challenges (before we'd been relying on General Assembly's Dash course for these).

### V4 - 2016

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.

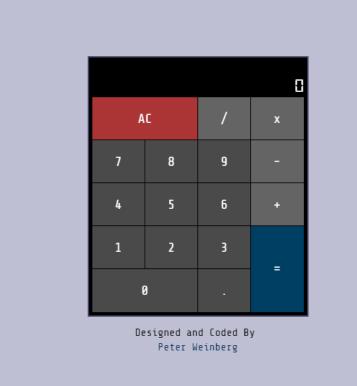
# V5 - 2017

We added the back end and data visualization challenges.



## V6 - 2018

We launched 6 new certifications to replace our old ones. This was the biggest curriculum improvement to date.



"The millions of people who are learning to code through freeCodeCamp will have an even better resource to help them learn these fundamentals."

