



# Advanced CSS + Javascript

**Our flexible, 4-week online course that teaches advanced front-end skills. Learn to create fancy animations, work with useful libraries and use APIs to work with data from other websites.**

**Have a question? Get in touch!**

[hi@superhi.com](mailto:hi@superhi.com)

[www.superhi.com/faq](http://www.superhi.com/faq)

[twitter.com/superhi\\_](https://twitter.com/superhi_)

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## Week 1

### FIFTY Festival



Held on the beautiful Doheny Beach in California, the first annual FIFTY Music Festival is an unmissable event. For 3 days, we invite rising stars in music from 50 different countries all over the world for a unique, cultural extravaganza.

#### Advanced layout techniques

Layout tricks and tips using flexbox

#### Photoshop style filters

Understanding new CSS rules like mix-blend-mode

#### Adding CSS + Javascript animations

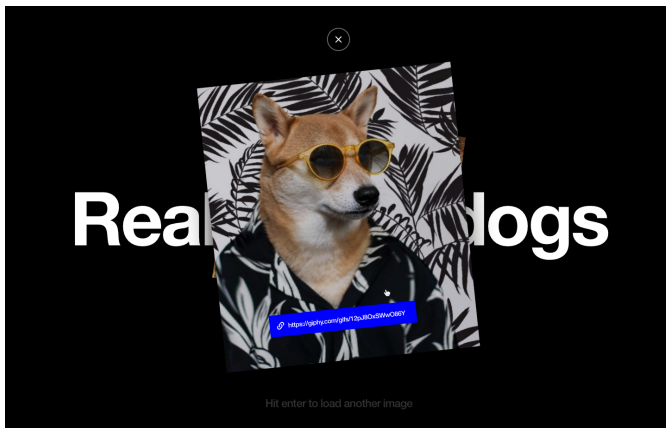
How to combine CSS and Javascript together for animating

#### Scroll events

How to trigger animations when parts of the page are in-view

## Week 2

### Jiffy



#### APIs and Ajax

What are APIs and how we interact with them with Ajax

#### Working with data in Javascript

How to store and manipulate data in your code

#### Asynchronous data

Using the Giphy database to populate our site

#### Loading + error states

How to make a better user experience for our users

**Each week's project gets released on Monday.**

There's no set time to do each project – you can do the project at your own pace over each week.

Each week takes around 3-4 hours to complete.

## Week 3

### Super Shapes



#### Working with CSS, Javascript and SVGs

How to use Scalable Vector Graphics in your web design

#### Motion graphics for the web

How to make animations from scratch

#### Drag + drop

Creating layouts that can be rearranged

#### Optimizing for speed

Getting animations to run smoothly without slowing websites down

## Week 4

### Good Times



#### 3D effects with CSS

How to use perspective image effects in CSS

#### Super forms

Upgrading your forms for a better user experience

#### Integrating payments with Stripe

Working with a back-end server to take payment forms

**Each week has an optional homework assignment.**

You can choose to do it for extra practice on your own (with online support if needed) after each week's project. They're more like a brief in the real world; so an outline, wireframes and assets.

Each homework takes around 1-2 hours to complete.