

CSS components design

Components 101

Easy CSS tricks

Advanced patterns

UI components



**Elementary blocks
of app design**

The background of the slide is a close-up, slightly blurred photograph of many colorful plastic cups. The cups are in various colors including orange, yellow, green, blue, and grey, and are arranged in rows, creating a sense of depth and repetition.

5 to 10 components to master



90% of your app design

**Which UI components
do you know?**

Images



Avatar



Thumbnail

Buttons

Start now

Twitter

SIGN UP

Google

Write a story

Medium

Free trial

treehouse

Forms

Login form (treehouse)

Sign in

Email Address

Password

Sign in

I forgot my password

Search form (airbnb)

Où voulez-vous aller ?	Arrivée → Départ	1 voyageur ▼	Rechercher
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Forms





Chatbox form (Intercom)

Reply

Note

?

Type # to insert a saved reply



Reply

Tabs / Navs

Medium

STAFF PICKS
 TOP STORIES
 BOOKMARKS

ProductHunt

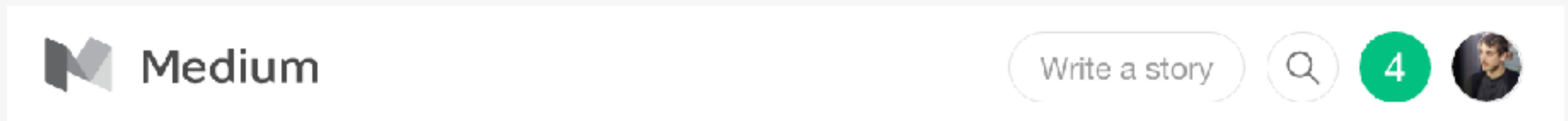
<div>6,418</div> <div>Upvoted</div>	<div>509</div> <div>Submitted</div>	<div>35</div> <div>Made</div>	<div>27</div> <div>Collections</div>	<div>23,346</div> <div>Followers</div>	<div>1,413</div> <div>Following</div>
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Twitter

TWEETS	ABONNEMENTS	ABONNÉS	AIMÉS	LISTES
4 021	1 783	3 972	5 218	10

Navbars

Medium



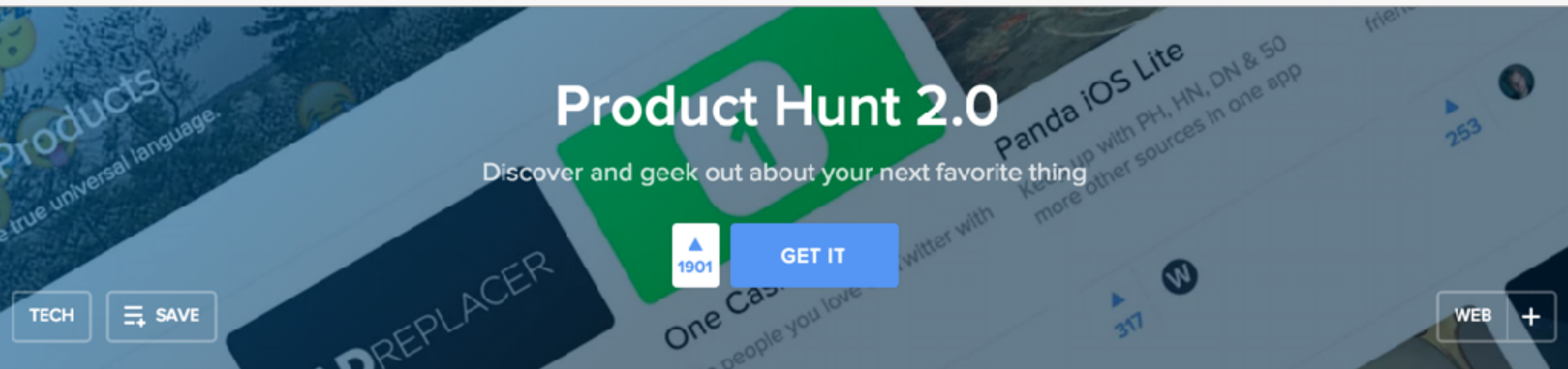
Twitter



Github



Banners



Cards



3,096 11 418

Operator



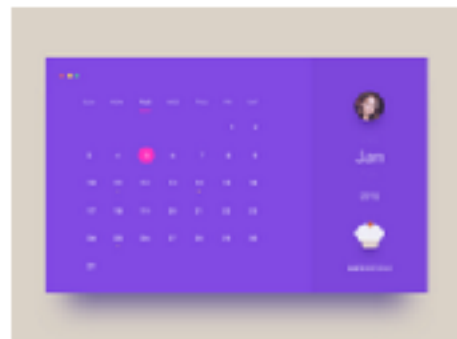
1,351 10 185

Justas Galaburda



1,248 5 142

Joe White



1,549 10 142

Goutham



2,257 8 122

Dann Petty



1,397 4 115

Studio-JQ

Cards



90 € ⚡

Superbe gîte à Rome

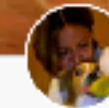
Logement entier · ★★★★★ · 213 commentaires



69 € ⚡

Colosseo, Hidden Gem

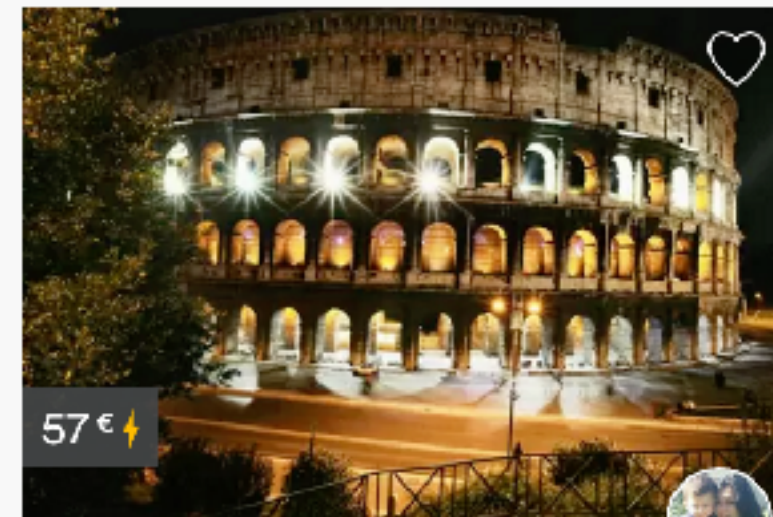
Logement entier · ★★★★★ · 105 commentaires



90 €

Chic Artist's Loft in Rome Center

Logement entier · ★★★★★ · 112 commentaires



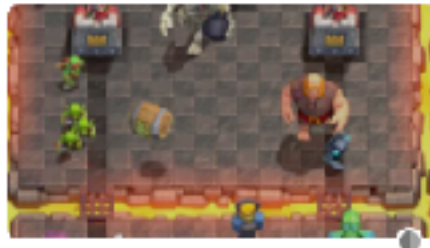
57 € ⚡

Penthouse Tiburtina Station Center

Logement entier · ★★★★★ · 89 commentaires



Cards



Clash Royale

The next game from Supercell, makers of Clash of Clan

▲
8



≡+ 14



Follow The Dots

AN ENDLESS FINGERLESS RUNNER GAME

▲
4



Ginger Roll

Save the world from evil llbIs in this cute arcade platform

▲
4




















THE CAT AND THE COUP

A documentary videogame on 28 Mordad coup

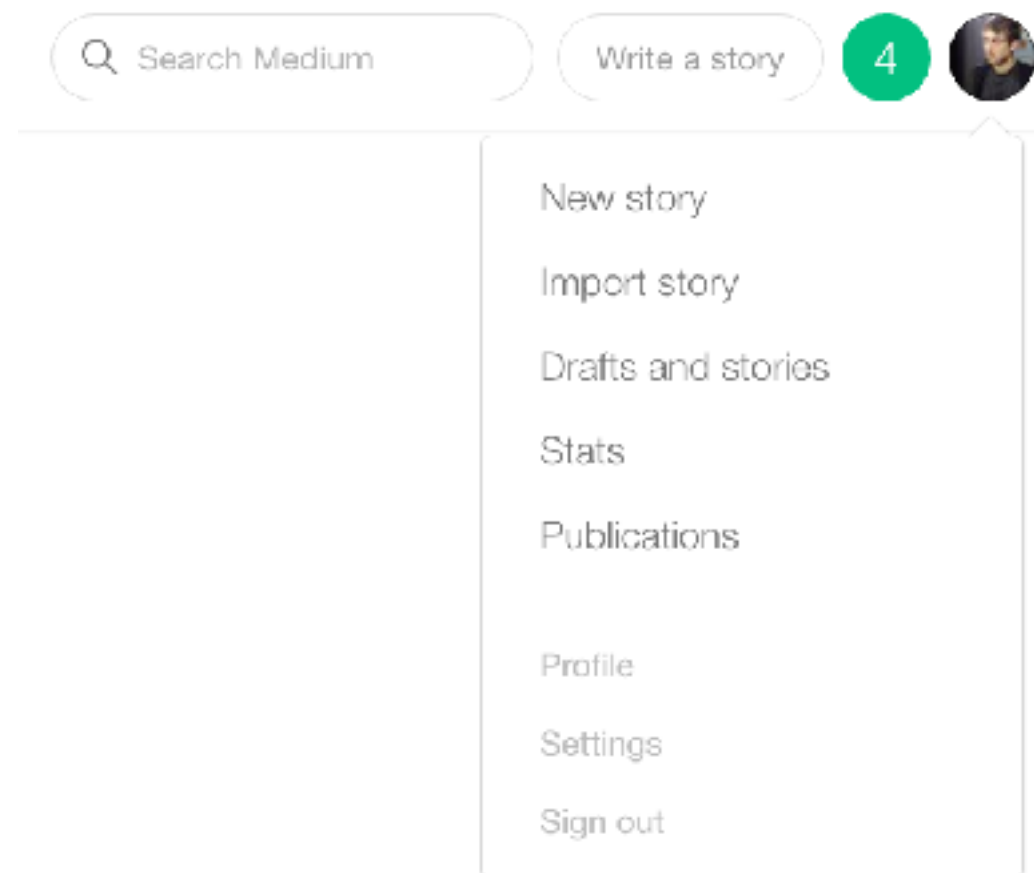
▲
2



Lists

▲ 77		Faraday Future FFZERO1 Groundbreaking all electric race car		   0
▲ 48		Human for Android Compare your daily activity to people around you		 6 ANDROID
▲ 61		Simple Poll The easiest way to create polls in Slack		 2 SLACK
▲ 38		BitBar Put the output from any script in your Mac OS X Menu Bar		 1 MAC
▲ 49		Hu:toma Emotionally evolved AIs for personal or business use		 8 WEB

Dropdown



Setup



Starting Boilerplate

Download ZIP or clone

<https://github.com/Papillard/UI-sprint>

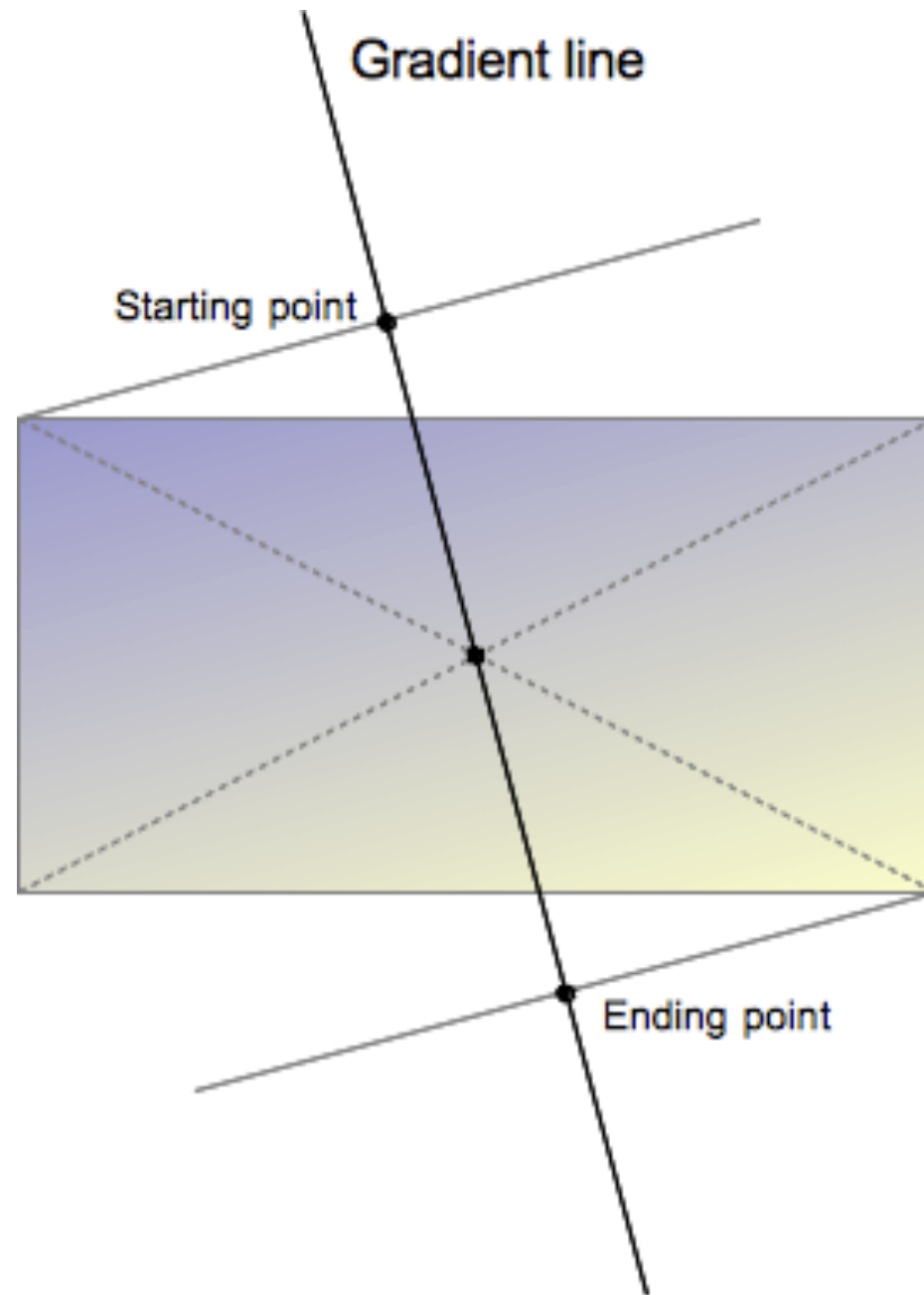
Easy CSS examples

Let's code together

- **Avatars**
- **Buttons**
- **Dropdowns**

CSS advanced patterns

Gradient filter CSS



Gradient filter CSS

```
background: linear-gradient(angle,  
                             start_color start_point,  
                             end_color end_point),  
url( 'background.jpg');
```

```
background: linear-gradient(135deg,  
                             yellow 0%,  
                             green 50%),  
url( 'background.jpg');
```

Relative position

- Offset from **initial** position
- A way to **pin** an element 

Let's offset logo on

<https://www.lewagon.com/>

Absolute position

- Offset from **1st positioned** parent
- If no pinned parent => body

Relative / Absolute pattern



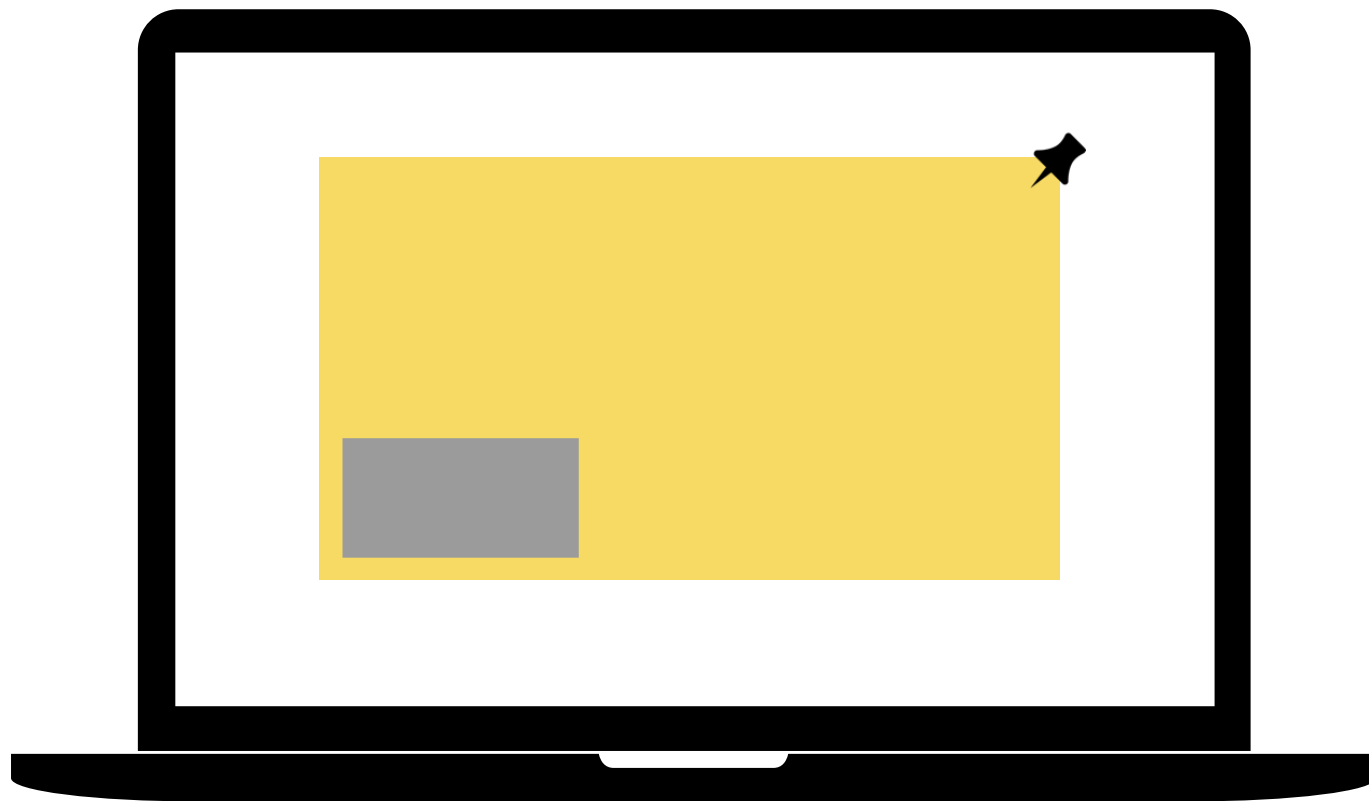
```
#relative {  
  position: relative;  
}
```

Relative / Absolute pattern



```
#relative {  
  position: relative;  
}  
  
#absolute {  
  position: absolute;  
}
```

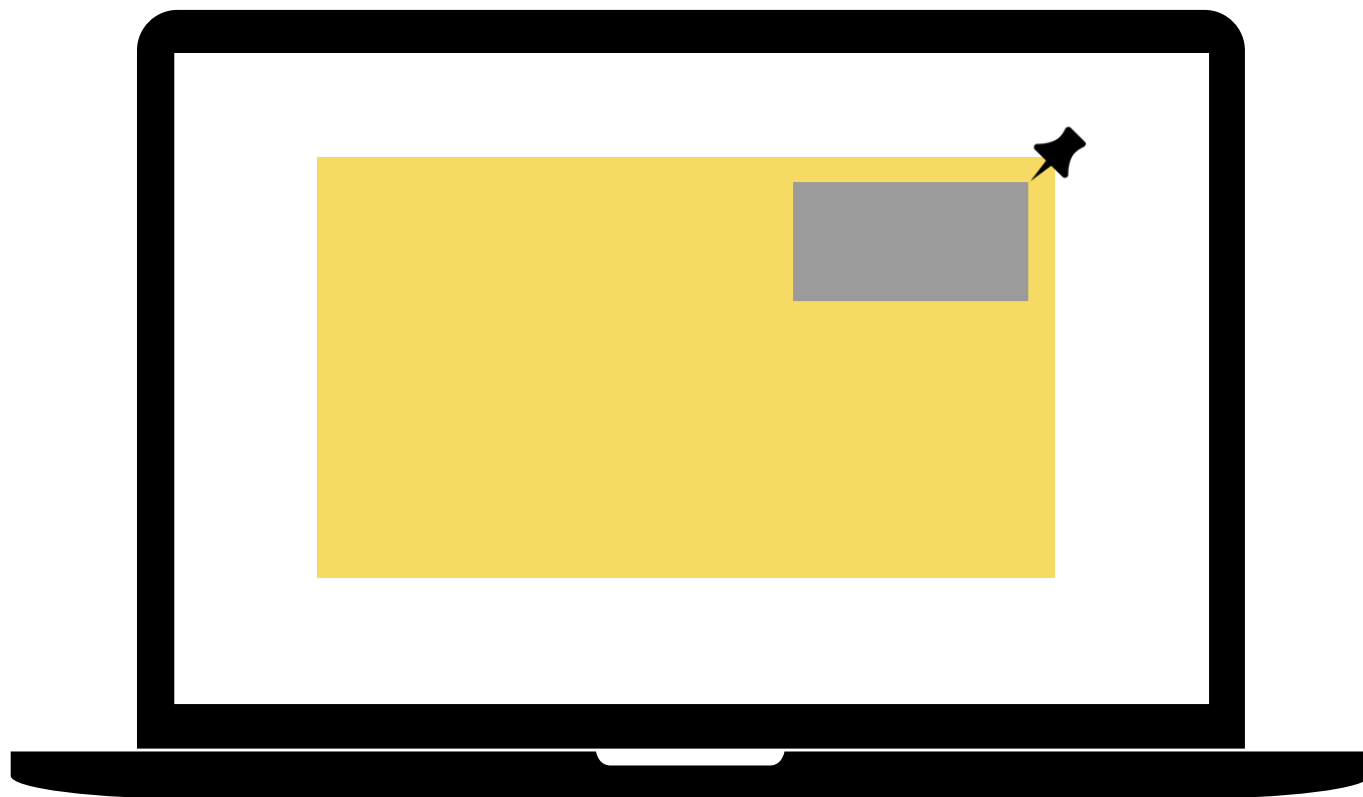
Relative / Absolute pattern



```
#relative {  
  position: relative;  
}
```

```
#absolute {  
  position: absolute;  
  bottom: 10px;  
  left: 10px;  
}
```

Relative / Absolute pattern



```
#relative {  
  position: relative;  
}
```

```
#absolute {  
  position: absolute;  
  top: 10px;  
  right: 10px;  
}
```

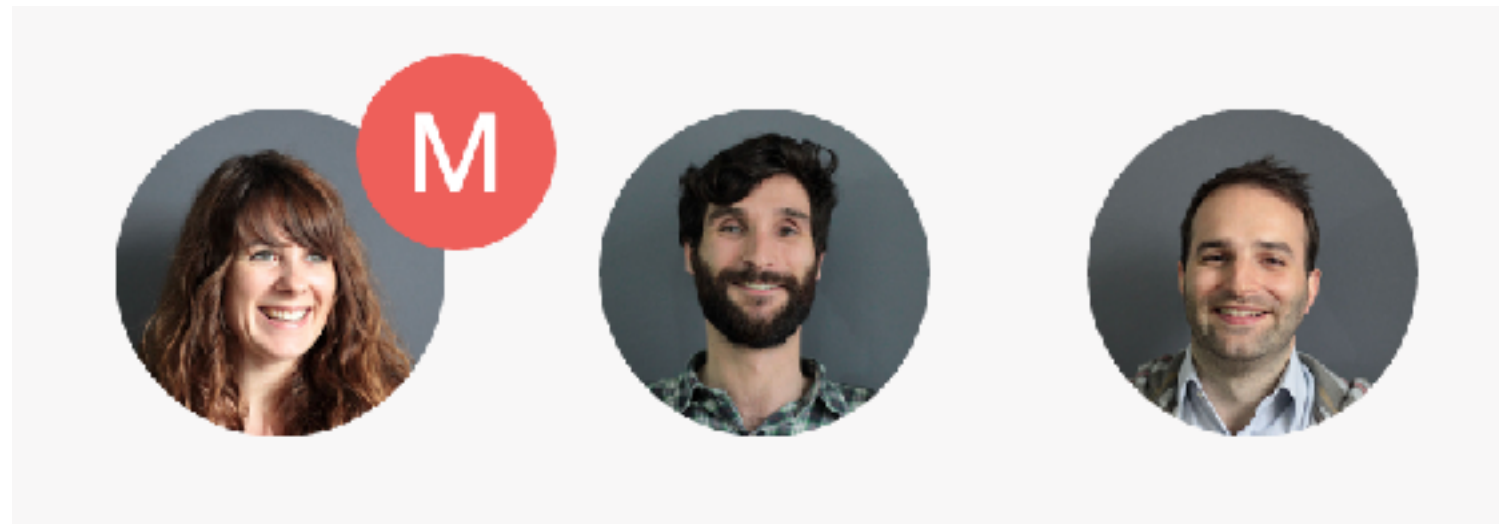
Relative / Absolute pattern

card design

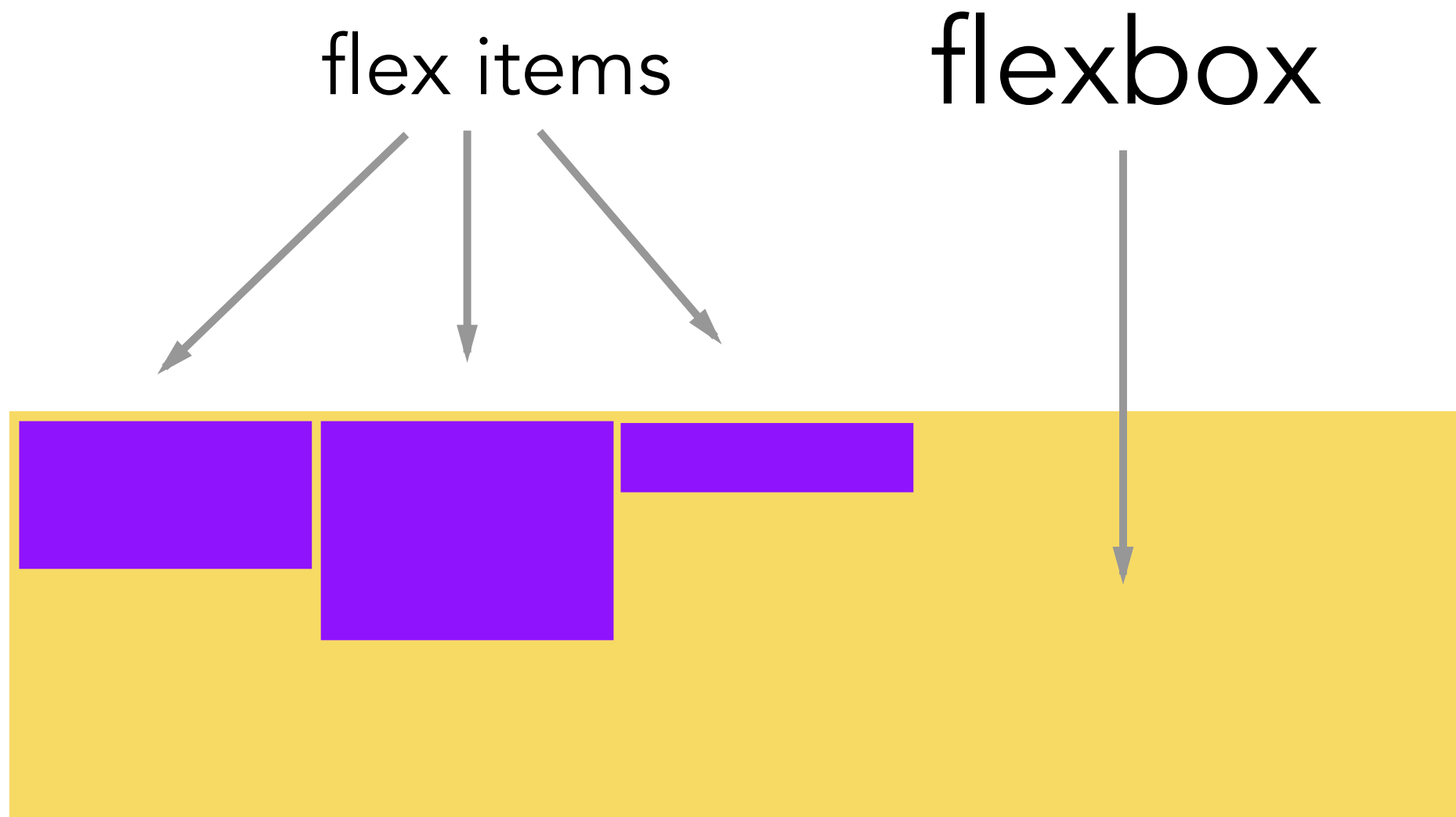


Relative / Absolute pattern

badge design



Flexbox - Vocabulary

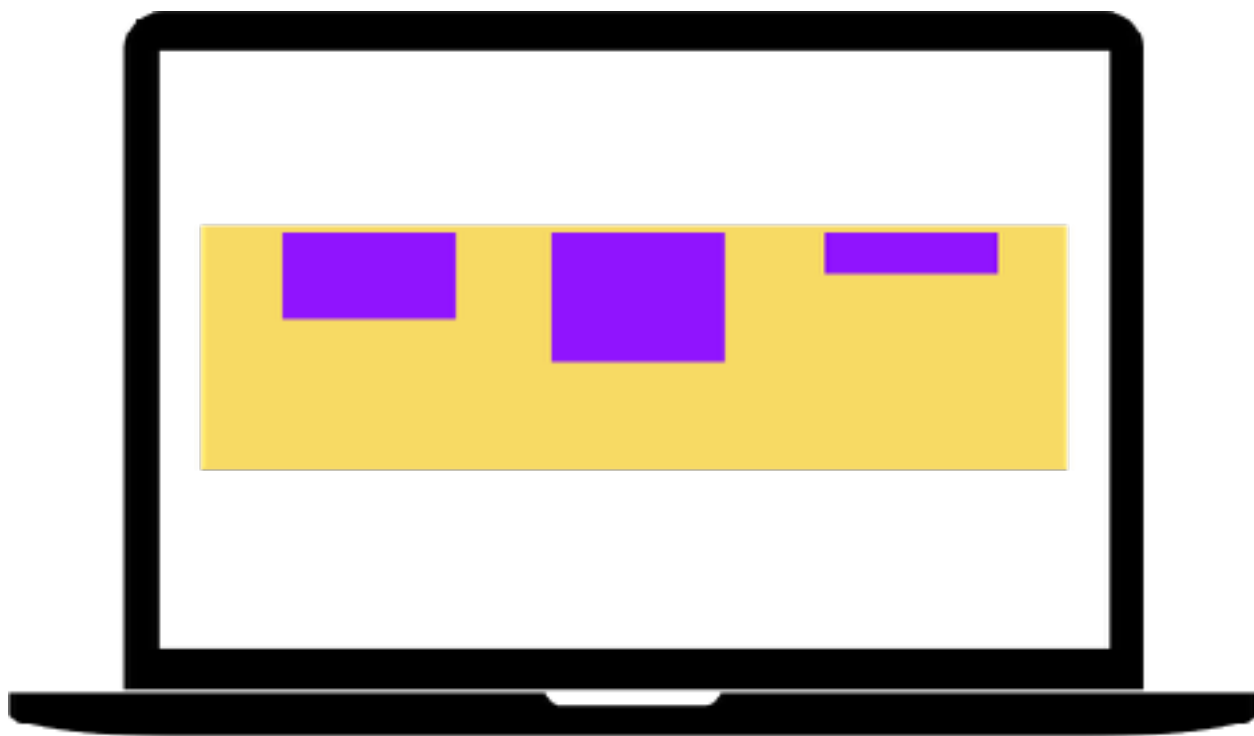


Flexbox



```
.flex {  
  display: flex;  
}  
  
.flex-item {  
  flex: 0 0 200px;  
}
```

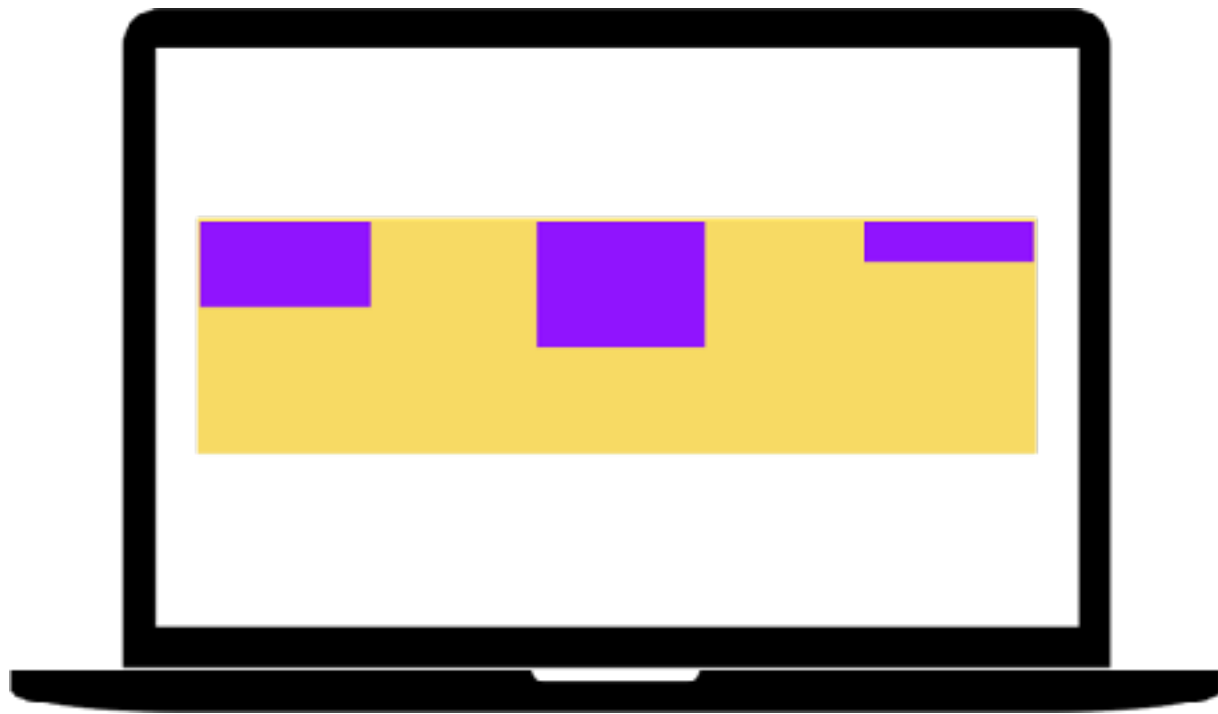
Flexbox



```
.flex {  
  display: flex;  
  justify-content: space-around;  
}
```

```
.flex-item {  
  flex: 0 0 200px;  
}
```

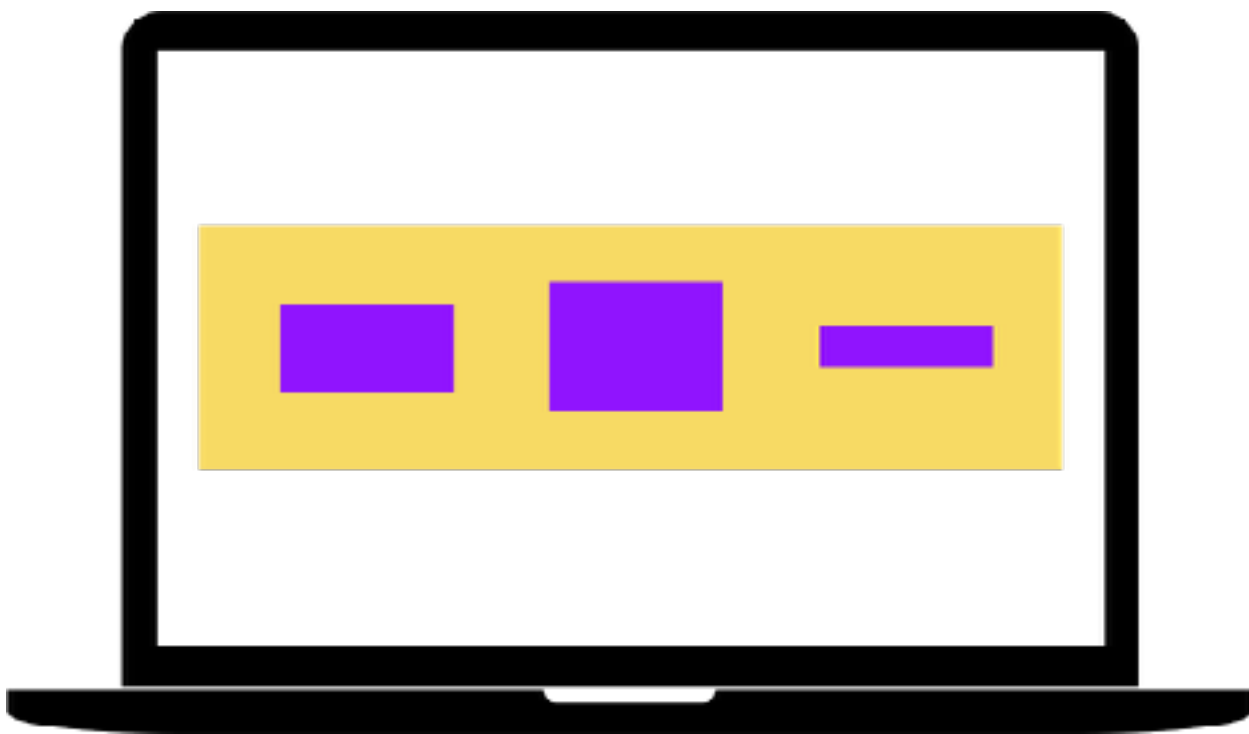
Flexbox



```
.flex {  
  display: flex;  
  justify-content: space-between;  
}
```

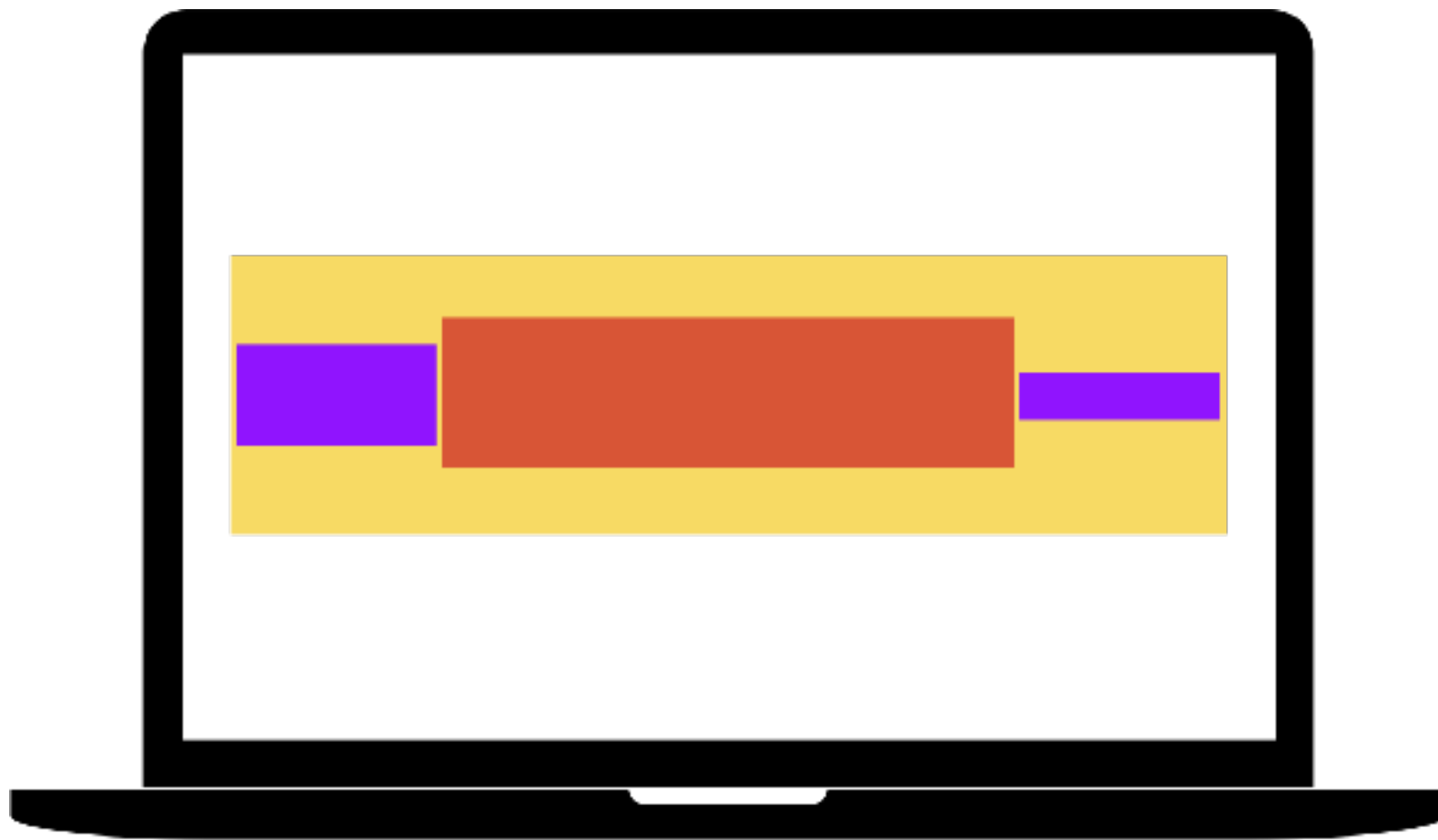
```
.flex-item {  
  flex: 0 0 200px;  
}
```

Flexbox



```
.flex {  
  display: flex;  
  justify-content: space-around;  
  align-items: center;  
}  
  
.flex-item {  
  flex: 0 0 200px;  
}
```

Flexbox



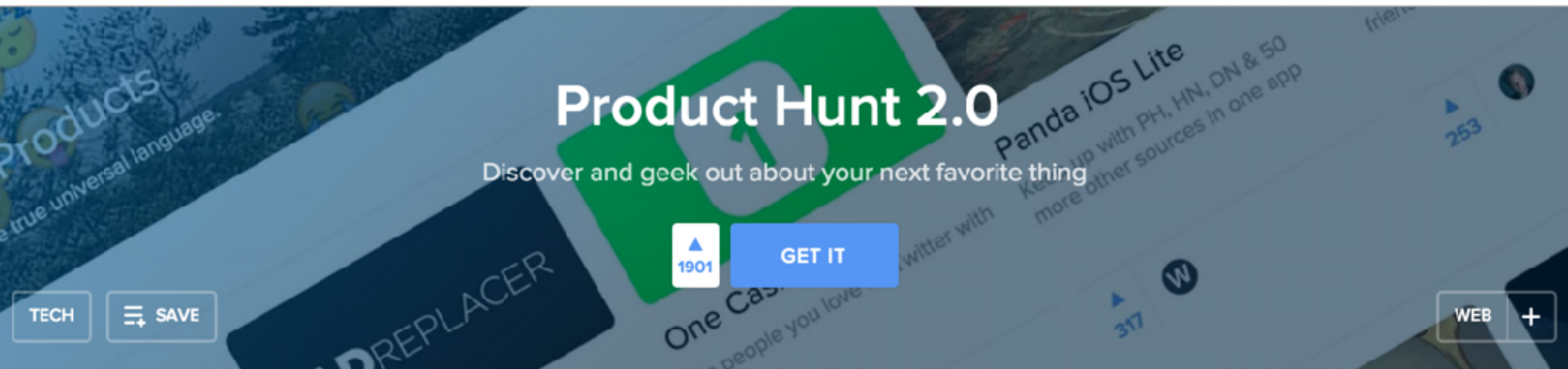
```
.flex-item {  
  flex: 0 0 200px;  
}
```

```
.flex-body {  
  flex: 1 0 auto;  
}
```

Flexbox example

Banner design

(centering on horizontal & vertical axis)



Flexbox example

tab design

6,418
Upvoted

509
Submitted

35
Made

27
Collections


23,346
Followers

1,413
Following

Flexbox example


list item design




▲
77




Faraday Future FFZERO1

Groundbreaking all electric race car




 9


▲
48



Human for Android

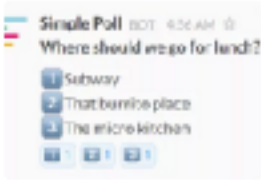
Compare your daily activity to people around you



 6


ANDROID


▲
61



Simple Poll


The easiest way to create polls in Slack



 7


SLACK


▲
38



BltBar


Put the output from any script in your Mac OS X Menu Bar



 1


MAC


▲
49



Hurtoma

Emotionally evolved AIs for personal or business use



 3

WEB

Small gift 

lewagon.github.io/ui-components/

Go further

<https://www.lewagon.com/learn-to-code>

Thank you!