

WebDev #1

Down the rabbit hole

The little girl
just could not sleep
because her thoughts
were way too deep
her mind had gone
out for a stroll
and fallen down
the rabbit hole

down the rabbit hole

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github.com/andreibratu/dpit

Why do I want to take this course?

1. WebDev is nice to know
2. DPiT is really competitive
3. I want to see “the real thing”
4. A programmer’s mentality

Why do I want to take this course?

1. WebDev is useful and necessary
2. DPiT is really competitive
3. I want to see “the real thing”
4. A programmer’s mentality
5. Will probably be fun

How we're going to roll

1. Programming as much as possible - theory as we go
2. Use as many technologies as possible
3. Each slide will contain things I looked up on Google -> nobody knows it all
4. No homework, capstone project at the end of the course (??)

Course structure

1. WebDev Basics - Build a Landing Page
 - a. **Backend, Frontend**
 - b. HTML, CSS, **JS**
 - c. Bootstrap
2. Backend - Build a ToDo Application
 - a. Flask
 - b. **HTTP calls, REST**
 - c. **Auth & cookies** / Persistence & security (basics)
3. Advanced Styling & JS - Build a Social Network For Programmers
 - a. **CSS grid, CSS flex, CSS media**, Tailwind
 - b. Call an external API
 - c. jQuery, AJAX
4. Frontend - Build an online shop
 - a. BaaS Firebase
 - b. **Component programming & SPA** - React

A white-outlined rounded rectangle containing the text 'Backend'.

Backend

A white-outlined rounded rectangle containing the text 'Frontend'.

Frontend

Backend

Hold the data

Send mails to users

User authentication

Do operations on data

Frontend

Display the data

User interaction

Sort/ filter data

Validate data

Backend

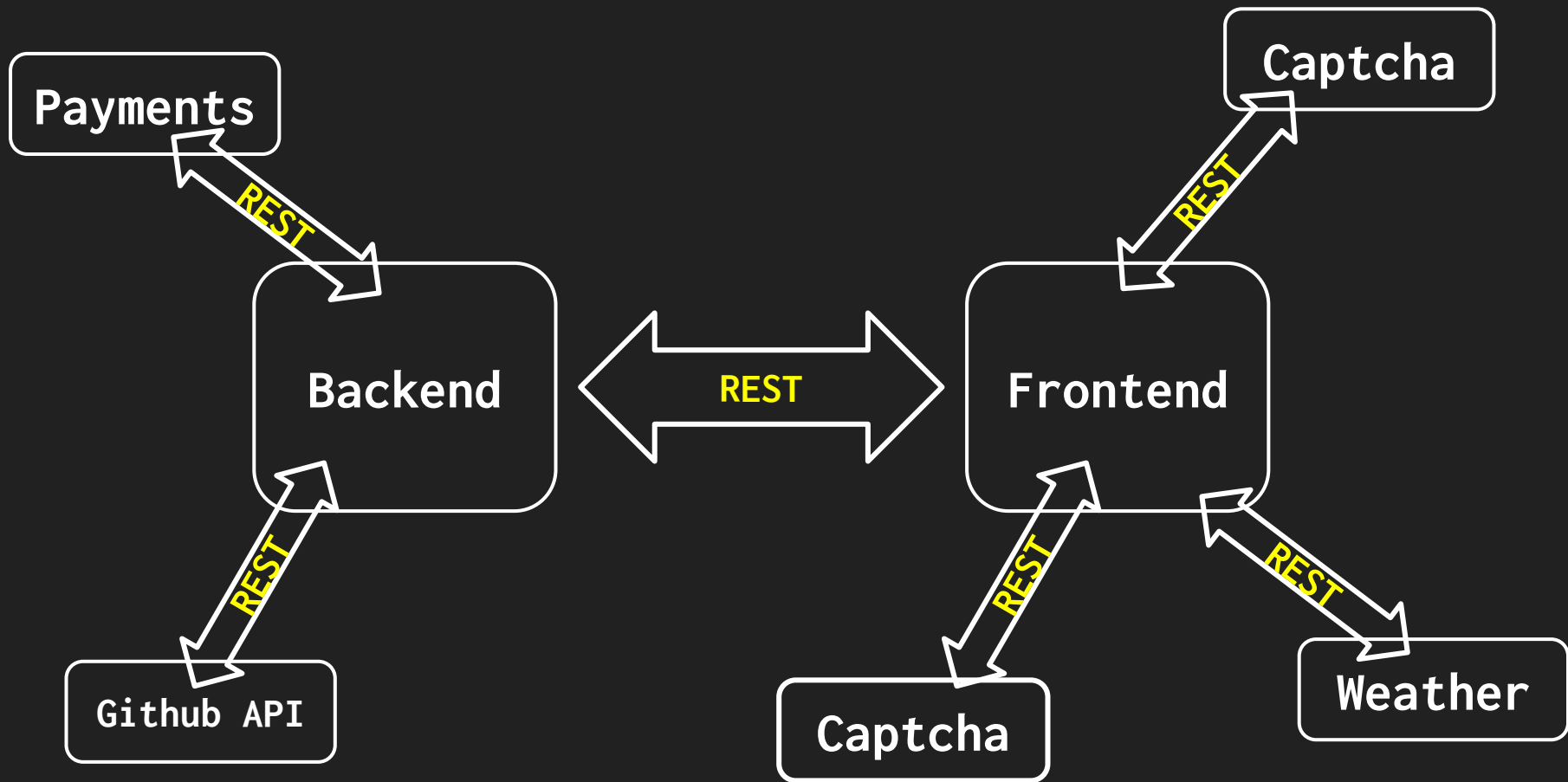


Frontend

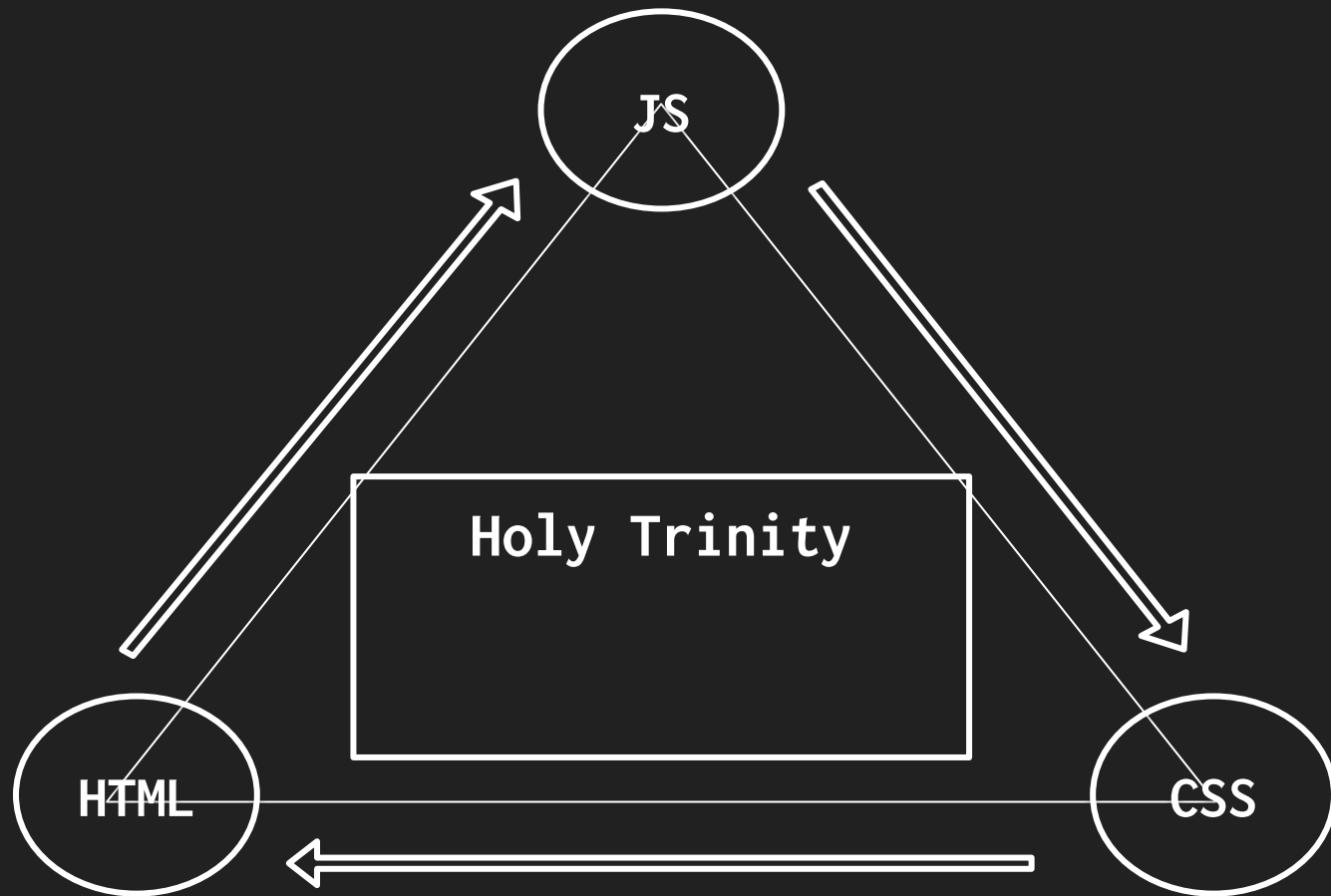
Backend



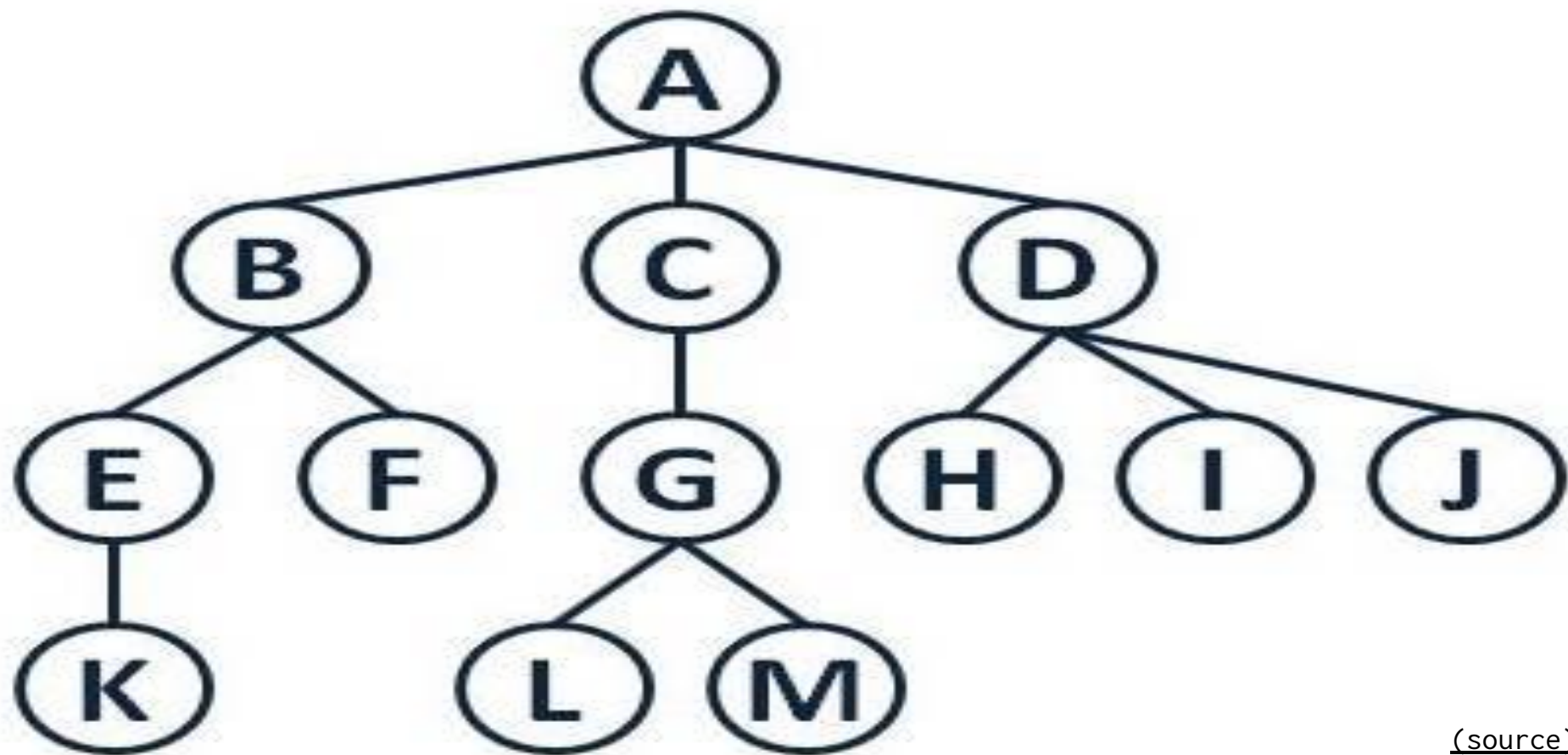
Frontend

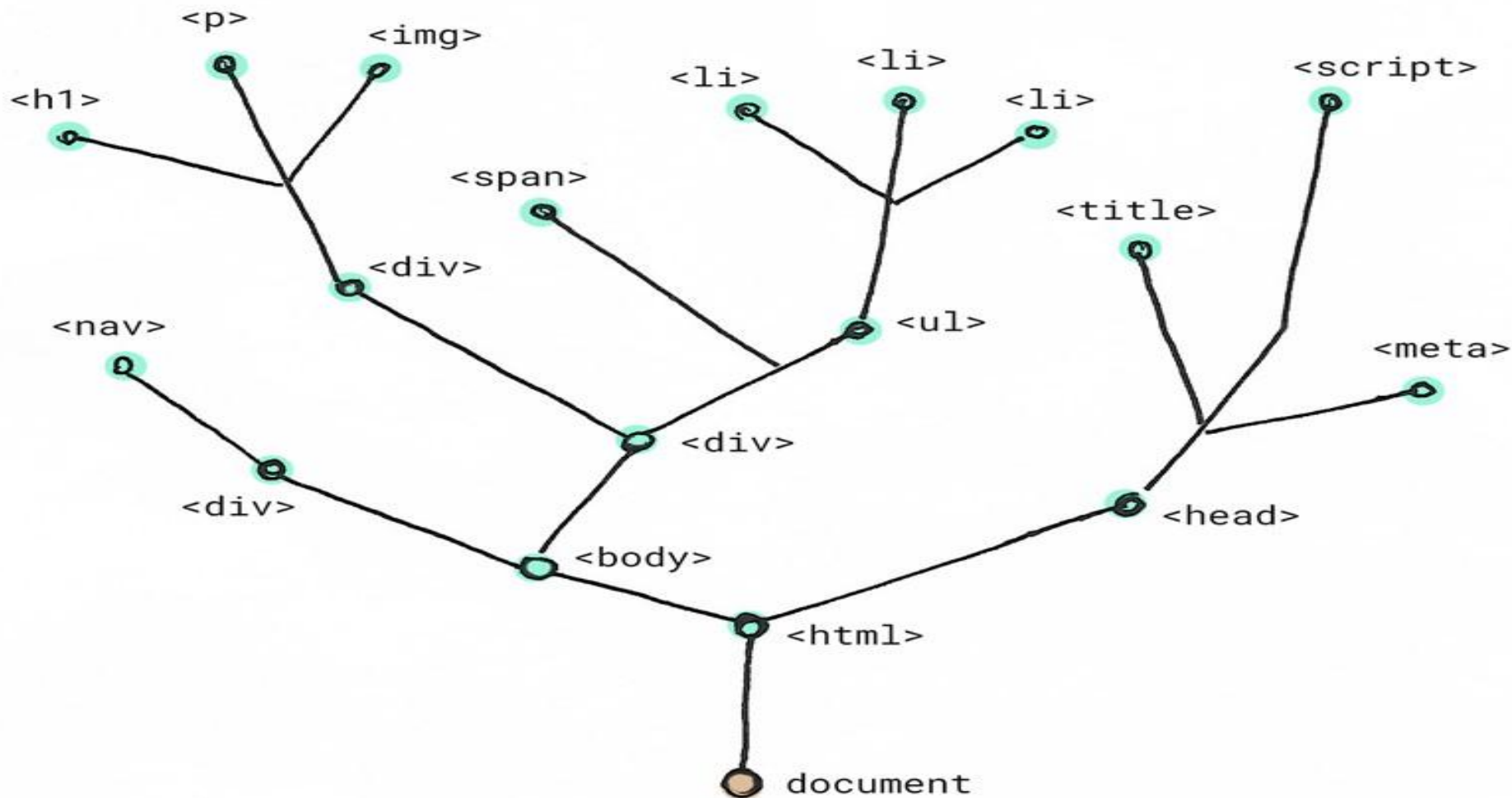


apply font entire slide google slides



Tree







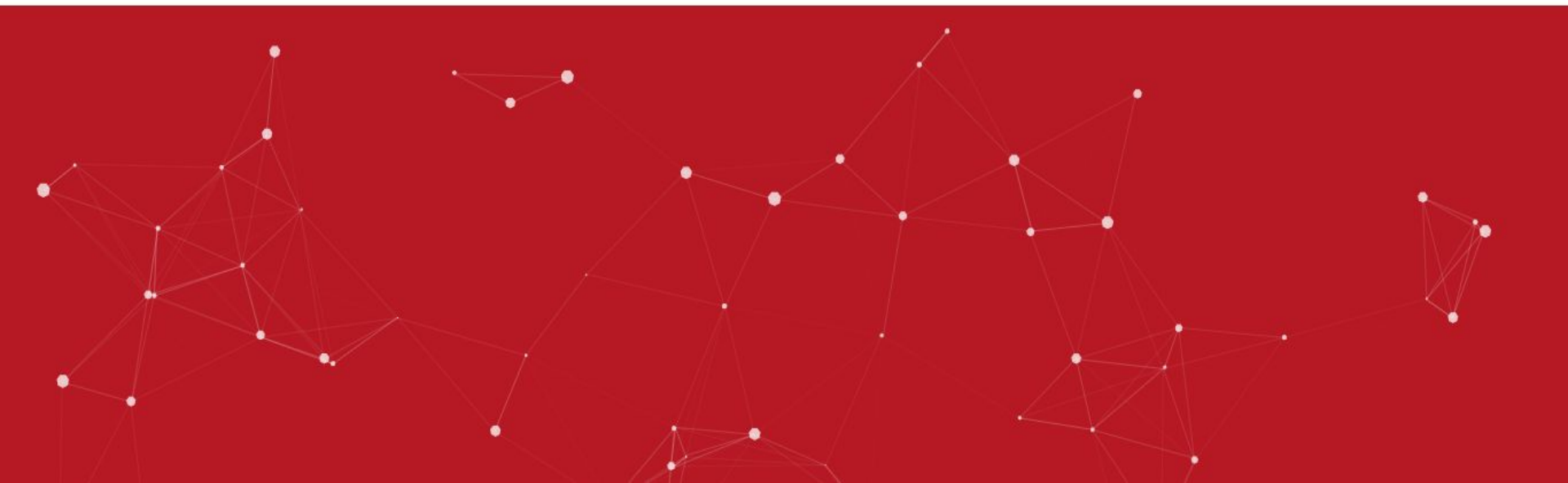
Pizza time.

Coding in Progress

Was that fun?

particle effect on page, particle.js, fullPage.js, scroll js, transparent navbar bootstrap, how to use fullpage js,
<https://github.com/alvarotrigo/fullPage.js/wiki/Tutorials>,
<https://www.youtube.com/watch?v=F6602KMtq1Y>, parallax scrolling,
<https://www.awwwards.com/30-great-websites-with-parallax-scrolling.html>,
<https://github.com/Viewdesic/viewScroller.js>, vs-anchor, vs-anchor html,
https://www.youtube.com/results?search_query=viewsroller+tutorial,
google fonts, average tech startup background, transistors wallpaper,
set background-image, stretch background image, technology vintage wallpaper,
particlesjs configure cors, gradient background,
<https://github.com/VincentGarreau/particles.js/issues/216>,
div class panel, center element, link to js head, what is a rem,
document find by id, onhoverdisseappear, programmatically check div hovered,
color picker, levitate effect css, make text column html,
floating animation, overflow hidden,
<https://stackoverflow.com/questions/5172717/how-to-navigate-to-a-section-of-a-page>,
remove link underline css, html draw a rectangle

Hi



Particles.js || How to use particles.js as background || Make beautiful background for our Websites

Working Files

- index.php
- style.css

particles +

- app.js
- index.php
- particles.js
- style.css

```
1 <!DOCTYPE html>
2
3
4 <html>
5   <head>
6     <title>make tuchable particlse </title>
7     <meta charset="utf-8">
8     <link rel="stylesheet" href="style.css"/>
9   </head>
10
11  <body>
12    <div id=
13      id
14    </div>
15  </body>
16 </html>
```

Press Esc to exit full screen

Line 13, Column 16 — 17 Lines

5:16 / 11:05

INS UTF-8 PHP Spaces: 4

7/6/2018



ARE YOU NOT ENTERTAINED?

Capstone “maybe” project

- ~40 hours - teamwork for the win!
- Build a “travel application”
- Backend with Flask/ Firebase
- Frontend in React
- Integrate external weather API
- User authentication

w3schools.com
javascript30.com