

A dark, atmospheric landscape photograph showing a range of mountains in the background under a hazy sky. In the foreground, there's a dark, indistinct area that could be a body of water or a dense forest. The overall mood is mysterious and serene.

Studio 100

# Studio 100

- Studio 100 is a model of studio training support notes



# FullStack Dev

- Front
- Back



# Front

- Html
- Css
- Js
- (wasm)



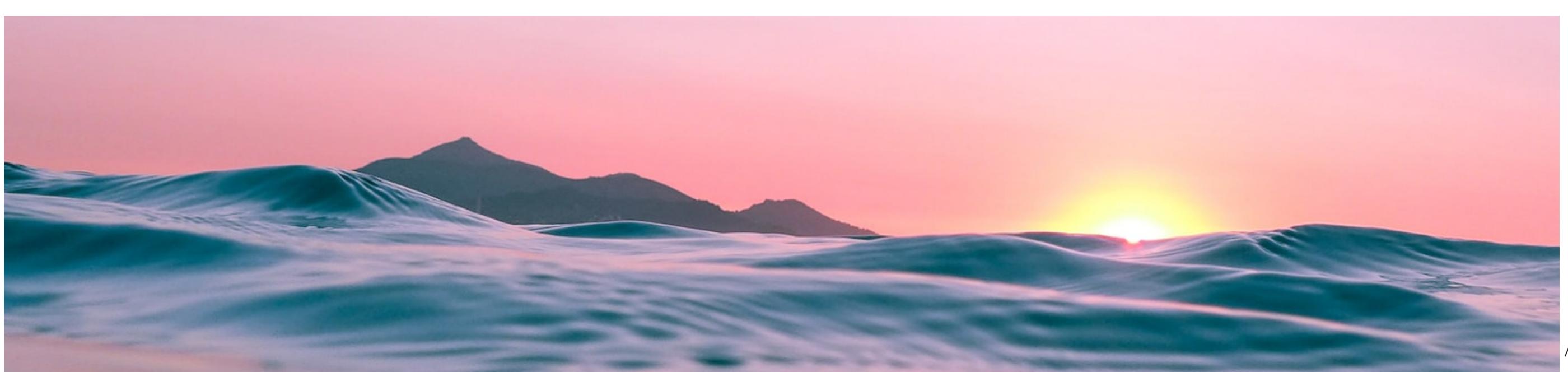
# Back

- Python
- NodeJS
- SQL
- PHP



# Your Laptop IDE

- IDE
  - Integrated Development Environment
  - (All inclusive 🔥🚀)
- MacOS
  - (built on Linux)
- Homebrew
  - (built on Ruby)
- VSCode
  - Jupyter Notebook (.ipynb)
- Docker
  - Docker Compose
- Python
  - OpenCV
  - PyTorch
- NodeJS
  - Yarn
  - Playwright
  - Vite
  - Vue
  - Sliderv
- SQLite
- PHP
  - Composer
- ffmpeg
- Imagemagick



# Front: HTML

- HTML
  - HyperText Markup Language
  - (Markup = tags)
  - (HyperText = links)
  - (Language = English)
- w3schools
  - <https://www.w3schools.com/html/>



# Front: CSS

- CSS
  - Cascading Style Sheets
  - (Cascading = inheritance)
  - (Style = design)
  - (Sheets = files)
- w3schools
  - <https://www.w3schools.com/css/>



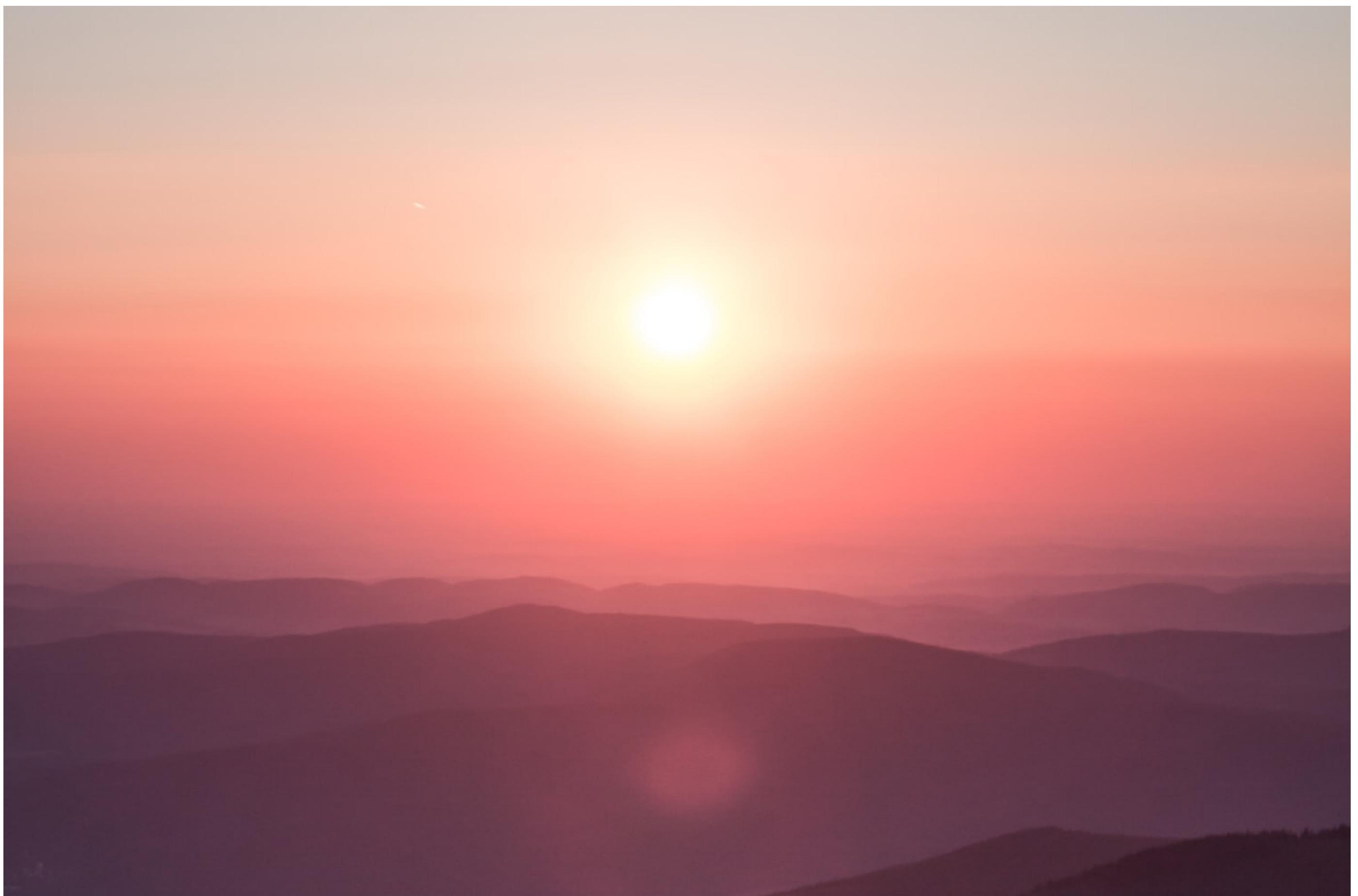
# Front: JS

- JS
  - JavaScript
  - (Script = code)
  - (Java = coffee)
  - (Script = code)
- w3schools
  - <https://www.w3schools.com/js/>



# Front: VueJS

- VueJS
  - Vue JavaScript
  - (Vue = View)
  - (JavaScript = code)
- VueJS
  - <https://vuejs.org/>



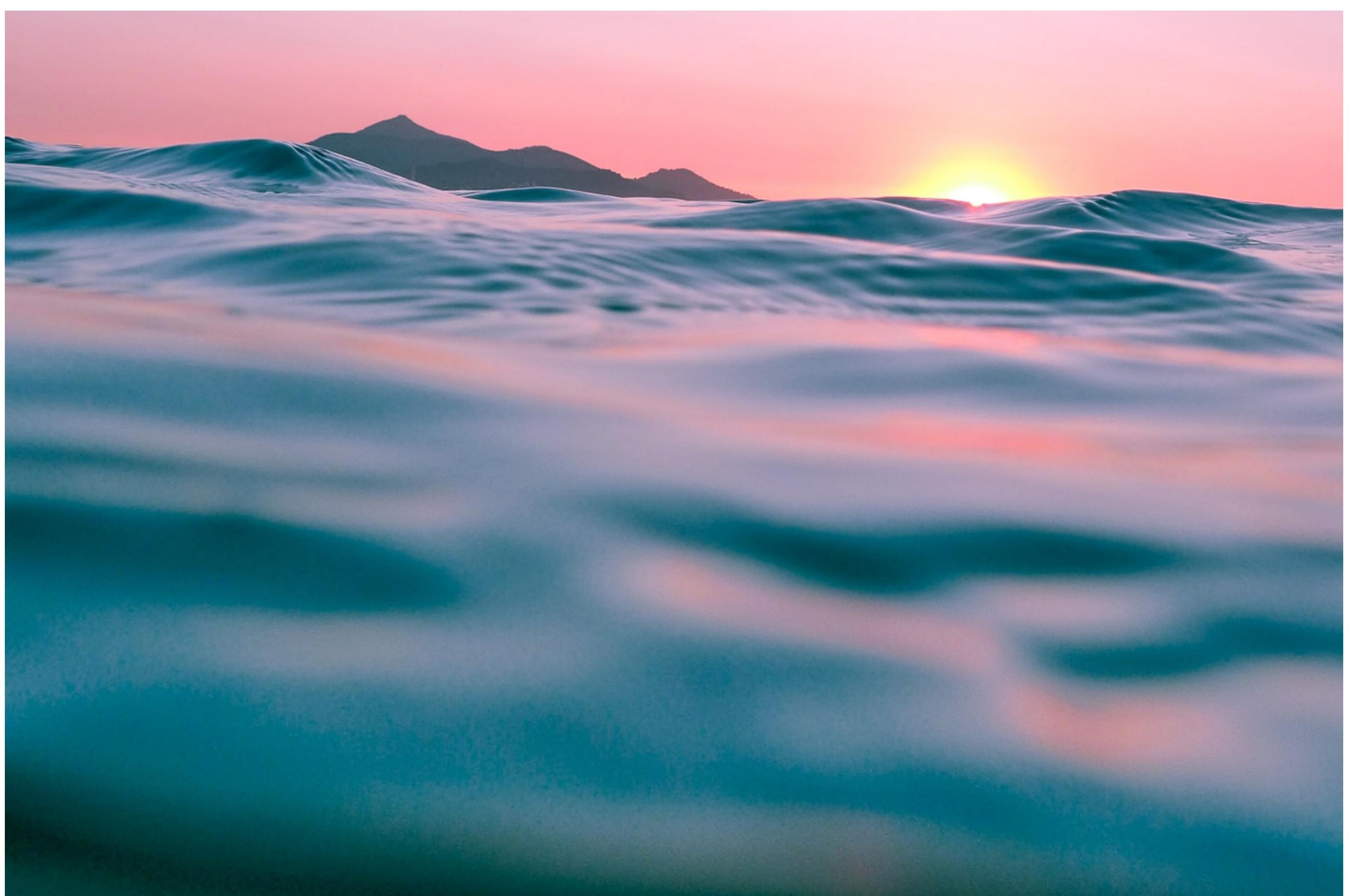
# IDE: Homebrew

- Homebrew
  - <https://brew.sh/>
  - (built on Ruby)
  - (Ruby = code)
  - (code = code)
- Install useful apps on MacOS
  - brew install ffmpeg
  - brew install imagemagick
  - ...



# IDE: VSCode

- VSCode
  - Visual Studio Code
  - (Visual = design)
  - (Studio = code)
  - (Code = code)
- IDE = Integrated Development Environment
  - (All inclusive 🔥 🚀)



# Back: Python

- Python
  - <https://www.python.org/>
  - (Python = snake)
  - (snake = snake)
  - (snake = snake)
- Python is a programming language
  - (programming = code)
  - (language = English)



# Back: NodeJS

- NodeJS
  - <https://nodejs.org/>
  - (Node = Node)
  - (JS = JavaScript)
  - (Node = Node)
- NodeJS is a programming language
  - (programming = code)
  - (language = English)



# Back: SQL

- SQL
  - Structured Query Language
  - (Structured = organized)
  - (Query = question)
  - (Language = English)
- SQL is a programming language
  - (programming = code)
  - (language = English)



# Back: PHP

- PHP
  - PHP: Hypertext Preprocessor
  - (Hypertext = links)
  - (Preprocessor = code)
  - (PHP = PHP)
- PHP is a programming language
  - (programming = code)
  - (language = English)



# HTML code

- Tree structure
- Hierarchy of nodes

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Studio 100</title>
6 </head>
7 <body>
8   <h1>Studio 100</h1>
9   <p>Studio 100 is a model of studio training support notes</p>
10 </body>
11 </html>
```



# CSS code

- Selectors
- Rules

```
1 body {  
2   background-color: #000;  
3   color: #fff;  
4   font-family: sans-serif;  
5   font-size: 1.2rem;  
6 }  
7  
8 h1 {  
9   font-size: 2rem;  
10 }
```



# JS code

- Variables
- Values
- Functions

```
1 // variables definition
2 const name = 'Studio 100';
3
4 // function definition
5 function greet(name)
6 {
7     // a function can transform data
8     res = `Hello ${name}`;
9     console.log(res);
10
11    // a function can produce a value as a result
12    return res;
13 }
14
15 // function call
16 greet(name);
17 // result => Hello Studio 100
```



# Slide R



# Slide S



# Slide T



# Slide U



# Slide V



# Slide W



# Slide X



# Slide Y



# Slide Z



# Slide 0



# Slide 1



## Slide 2



# Slide 3



# Slide 4



# Slide 5



# Slide 6



# Slide 7



# Slide 8



# Slide 9



# Slide 10



# Slide 11



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# Slide 19



# Slide 20



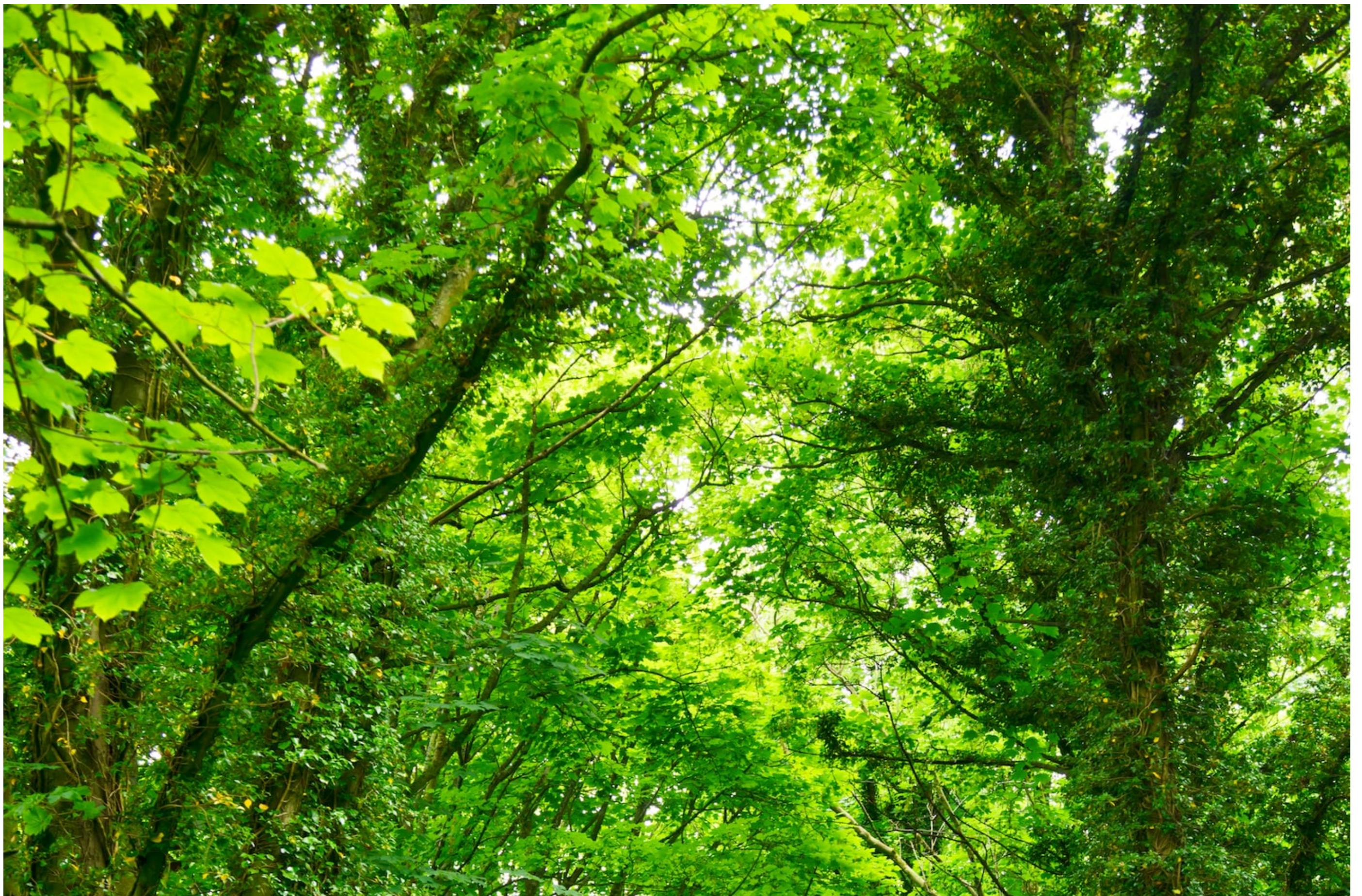
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# Slide 68



# Slide 69



# Slide 70



# The End

**Thanks for your attention!**

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<https://fr.linkedin.com/in/applh>

See you next time!



(credits: random photos from Unsplash.com)

