

Juan Scanlan [juanscanlan.github.io]

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Location: Southampton, UK. (Currently in Mexico, but will move back when necessary)

Nationality: British Citizen



SKILLS

Front End	Back End	Version Control	FrameWorks	Other
HTML5/CSS/SASS Javascript ES6 / jQuery Bootstrap	Python PHP C	Git/GitHub	React.JS	MATLAB Photoshop Autodesk Inventor TensorFlow 2

WORK EXPERIENCE

React.js: E-commerce watch website *React.js / HTML5 / Sass* **September 2021**
[[GitHub Link](#) | [LiveSite](#)] *Cozumel, Mexico*

- A front-end React.js E-commerce website for selling watches online.
- Notable Features:
 - Dynamic shopping cart. Updates with 'Add to Cart' buttons. Conditional rendering for an empty cart.
 - Implementation of React's useState, useReducer, useContext hooks.
 - Sass BEM design architecture..
 - Burger button in navbar for mobile screens.
 - Clean and simple design.

ScubaJuan.com *HTML5 / CSS / Javascript / PHP / Bootstrap* **February 2021 – April 2021**
[[GitHub Link](#) | [LiveSite](#)] *Cozumel, Mexico*

- Constructed a fully functioning mobile-friendly website for a Diving Company. The website includes:
 - Product page with prices and descriptions.
 - PHP booking page with Email & social media booking.
 - TripAdvisor carousel (no API used).
 - Media gallery page with slideshow features.
 - FAQ page
- As the sole developer, I maintained strong communication with the business over the creation of the website. Multiple versions were presented, until the website became what the client envisioned.
- The online presence of the website boosted sales by around 20%, without the use of any paid marketing.
- The website makes it very easy to browse the available services and make a booking via email, WhatsApp or Messenger.

React.js: Hangman game *React.js / HTML5 / Sass* **August 2021**
[[GitHub Link](#) | [LiveSite](#)] *Cozumel, Mexico*

- A small personal project to demonstrate my Javascript skills, using the ReactJS framework.
- Notable Features:
 - Sass BEM design architecture.
 - Generates a new random word when page reloads
 - Letter-buttons that are used as a guess are then disabled.
 - Dynamically display how many attempts are left.
 - Conditional rendering when you win or lose.
 - Clean and simple design.

- My first website. Client wanted a simple landing page for potential customers.
- Notable features:
 - Simple landing page.
 - PHP booking page.
 - Small media gallery with slideshow features.
- The aim was for simplicity and ease of access to all the information they required prior to booking a Parasailing service.

EDUCATION

University of Bristol

BEng Mechanical Engineering

Graduation June, 2020

Bristol, United Kingdom

- Graduated with Honors, 2nd Class Division 1.
- Dissertation in Fluid Mechanics. Creating algorithms and mechanisms to produce 2-dimensional monochromatic waves in a stratified tank.

Jonas Schmedtmann's: Advanced CSS and Sass

Most popular course on website design

July 2021 - August 2021

- Flexbox, CSS Grid, Animations, and more...

FreeCodeCamp.com

Codecamp for Web Development

May 2021 - July 2021

- Responsive Web Design. Javascript Algorithms and Data Structures. Front End Development Libraries.

DeepLearning.ai

Fundamentals of Machine Learning for Deep Neural Networks

September 2020 - November 2020

- 5 specialization courses: Neural Networks and Deep Learning. Improving Deep Learning Networks. Structuring Machine Learning Projects. Convolutional Neural Networks. Sequence Models

Harvard's Online CS50x Course

Introduction to Computer Science

Summer 2020

- Learned the basics of Data Structures, Algorithms, SQL, Python, C, Web Development.

INTERESTS

Machine Learning with TensorFlow 2; Scuba Diving Instruction; Playing Guitar; Powerlifting; Photoshop; Cooking; Chess.